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A CATALOGUE OF PLANTS...

JOHN WRIGHT

JAMES HALL



CATALOGUE OF PLANTS,

GROWING WITHOUT CULTIVATION,

IN THE

VICINITY OF TROY.

CALIFORNIA
ACADEMY
OF SCIENCES

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Mrs. Lloyd Swift
August 3, 1953

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CATALOGUE OF PLANTS,

GROWING WITHOUT CULTIVATION,

IN

THE VICINITY OF TROY.

BY JOHN WRIGHT, M.D.,

AND

JAMES HALL, A.M.

TROY:

N. TUTTLE, PRINTER—SIGN OF THE LEVER PRINTING-PRESS.

1836.

ADVERTISEMENT.

THE following Catalogue is intended to embrace the Phenogamous Plants and Ferns, growing spontaneously, within a circuit of 10 miles about Troy. Nearly all of them have been examined by ourselves within the last five or six years. A few which we have not seen, and some, the names of which are not decided, are marked with a ? after the specific name. We have added the popular characters of the Plants, and some brief remarks on their medicinal properties.

We are indebted to Prof. EATON for valuable information, while preparing this Catalogue.

In 1819, the Troy Lyceum of Natural History appointed Prof. A. EATON, and Dr. GEORGE MARVIN, a committee to make a Catalogue of the Plants growing in the vicinity of Troy. A manuscript copy of a Catalogue, containing 774 species, was deposited in the Lyceum, by the committee. This Catalogue was mislaid, and was not found until preparations had been made for publishing the one now offered.

Rensselaer Institute, Troy, N. Y., March, 1836.

ABBREVIATIONS OF AUTHORS' NAMES.

Linn. Linneus.	Willd. Willdenow.
Mich. Michaux.	Muhl. Muhlenberg.
Moench. Moenchausen.	R. Br. Robert Brown.
P. de B. Palisot de Beauvois.	Big. Bigelow.
Nutt. Nuttall.	De Cand. De Candolle.
Spreng. Sprengel.	Raf. Rafinesque.

ABBREVIATIONS FOR COLOR, &c.

w. White. *r.* Red. *b.* Blue. *y.* Yellow. *g.* Green. *p.* Purple. ☼.
Annual. ♂. Biennial. 2f. Perennial. ♀. Woody. in. inches in height.
ft. feet in height.



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CATALOGUE.

- ACALYPHA virginica*, Linn. Three-seed Mercury. *g-y*. June—Sept.
☼. 12—18 in. Roadsides and fields.
- ACER rubrum*, Linn. Red Maple. Soft Maple. *r.* & *r-y*. Ap. ♀. 20—60 ft. Swamps and woods. Bark tonic and astringent.
- A. dasycarpum*, Willd. White Maple. Silver Maple. *g-r*. Ap. ♀. 30—50 ft. River banks.
- A. barbatum*, Mich. Hairy Maple. *w-g*. Ap. ♀. Small. 15 ft.
- A. saccharinum*, Linn. Sugar Maple. Rock Maple. Hard Maple. *g-y*. May. ♀. 40—60 ft. Woods.
- A. nigrum*, Mich. Black Maple. *yellowish*. Ap. ♀. Cultivated.
- A. striatum*, Mich. Striped Maple. False Dogwood. *y-g*. May. ♀. 15 ft. Shady rocky ravines.
- A. spicatum*, Lamarck. Mountain Maple-bush. *y-g*. May. ♀. 8—12 ft. Shady banks of ravines.
- ACHILLEA millefolium*, Linn. Yarrow. Milfoil. *w*. June. 2f. 12—18 in. Dry fields and roadsides. Mild tonic.
- ACORUS Calamus*, Willd. Sweet Flag. Calamus. *g-y*. June. 2f. 2—3 ft. Wet. Root an excellent stomachic.
- ACTAEA rubra*, Willd. Baneberry. *w*. May. 2f. 18—24 in. Berries red. Shady banks of streams.
- A. alba*, Big. *w*. May. 2f. 18—24 in. Berries white. Shady, moist woods.
- ADIANTUM pedatum*, Linn. Maiden-hair. June. 2f. 1 ft. Woods and ravines. Expectorant, slightly tonic, and astringent.
- ÆSCULUS Hippocastanum*, Linn. Horse Chesnut. *p. y.* & *w*. June, ♀. Middle sized tree. Cultivated.
- AGRIMONIA eupatoria*. Agrimony. *y*. July—Sept. 2f. 2 ft. Dry woods and fields. Tonic and diuretic.
- AGROPYRON repens*, P. de B. Couch Grass. Quack Grass. May. 2f. 18 in. Fields and fences.
- AGROSTEMMA Githago*, Linn. Cockle. *p*. June. ☼. 2 ft. Grain fields.
- AGROSTIS stricta*, Willd. Bent Grass. June. 2f. Fields and meadows.
- A. vulgaris*, Smith. Red-top. June. 2f. 18 in.—2 ft. Fields and meadows.

- A. alba*, Linn. White-top. Bonnet-grass. June. 2f. 18 in.—2 ft. Fields.
- A. lateriflora*, Mich. Aug. 2f. 2 ft. Swamps and ravines.
- A. sobolifera*, Muhl. Aug. 2f. 2 ft. Rocky hills, Canal banks.
- A. tenuiflora*, Willd. July. 2f. 2—3 ft. Damp, rocky ravines.
- A. sylvatica*, Torr. Aug. 2f. 3 ft. Rocky situations, woods.
- A. virginica*, Linn. Aug. ☼. 1 ft. Sandy soils, roadsides.
- A. clandestina*? Spreng. Sept. 2f. 2 ft. Dry hills.
- ALISMA *Plantago*, Linn. Water Plantain. *w.* July. 2f. 1—2 ft. Water and wet situations.
- ALLIUM *Canadense*, Linn. Meadow Garlic. *pale r.* May, June. 2f. 18 in. Wet meadows.
- A. vineale*, Linn. Field Garlic. *pale r.* June, July. 2 ft. Meadows, low islands about Troy. Both species expectorant, diuretic, and diaphoretic.
- ALNUS *serrulata*, Linn. Alder. *r-g.* Ap. ♀. 8—15 ft. Swamps and wet meadows.
- ALOPECURUS *pratensis*? Linn. Foxtail-grass. June. 2f. 2—3 ft. Fields and pastures.
- A. geniculatus*, Muhl. Water Foxtail-grass. July. 2f. 12—18 in. Wet meadows and swamps.
- AMARANTHUS *hybridus*, Willd. *g.* July. ☼. 1—3 ft. Ploughed fields and waste grounds.
- A. lividus*, Linn. *g.* July. ☼. 1—2 ft. Ploughed fields and roadsides.
- AMBROSIA *trifida*, Willd. *g-y.* August. ☼. 4—8 ft. Alluvial soils, banks of streams, &c.
- A. elatior*, Willd. Hog-weed. *g.* July. ☼. 1—3 ft. Old fields and pastures. Nervine and astringent.
- AMPELOPSIS *quinquefolia*, Mich. Creeper. *g.* July. ♀. Climbing. Woods and low grounds.
- AMPHICARPA *monoica*, Elliott. *b. & w.* July, Aug. 2f. Twining. Woods, ravines, and shady places.
- ANDROMEDA *polifolia*, Mich. *w-r.* May. ♀. 1 ft. Sphagnous swamps. Leaves acid.
- A. paniculata*, Muhl. White-bush. *w.* June. ♀. 2—6 ft. Borders of swamps and low grounds.
- A. calyculata*, Willd. Leather-leaf. *w.* May. ♀. 2 ft. Swamps. Tonic and diuretic.
- ANDROPOGON *scoparius*, Mich. Broom-grass. August. 2f. 3 ft. Open woods.

- A. furcatus*, Muhl. August. 2f. 2—4 ft. Gravelly soils on banks of streams.
- A. nutans*, Linn. August. 2f. 3—6 ft. Gravelly and sandy fields.
- ANEMONE *Virginiana*, Linn. Wind Flower. *g-w*. July. 2f. 18 in. Dry open woods.
- A. aconitifolia*, Mich. *w*. June 2f. 12—18 in. Meadows.
- A. nemorosa*, Linn. Low Anemone. *r-w*. May. 2f. 4—6 i. Open woods. Root viscatory.
- A. thalictroides*, Linn. Rue Anemone. *w*. May. 2f. 6—10 in. Borders of woods.
- ANGELICA *triquinata*, Mich. Angelica. *w*. August. 2f. 2—4 ft. Dry grounds and woods.
- A. atropurpurea*, Linn. *g-w*. August. 2f. 3—6 ft. River banks and wet meadows. Stomachic.
- ANTHEMIS *arvensis*, Linn. Corn Chamomile. *w*. & *y*. June. ♂. 6—12 in. Dry waste fields.
- A. cotula*, Linn. May-weed. *w*. & *y*. June. ☼. 10—12 in. Roadsides. Tonic, and, in large doses, emetic.
- ANTHOXANTHUM *odoratum*, Linn. May—Aug. 2f. 12—18 in. Roadsides and fences.
- ANTIRRHINUM *linaria*, Linn. Snapdragon. *y*. July. 2f. 1—2 ft. Roadsides. Introduced. Diuretic.
- A. Canadense*? Willd. Flax Snapdragon. *b*. June. 2f. 8—12 in. Sandy soil. Roadsides.
- A. elatine*? Willd. Creeping Snapdragon. *b-w*. July ☼. 1—2 ft. Sandy soils.
- APIOS *tuberosa*, Moench. Ground-nut. *dark p*. July, Aug. 2f. Twining. Woods and shady banks of the river. Root tuberous, nutritious.
- APOCYNUM *androsaemifolium*, Linn. Dog-bane. *r-w*. June. 2f. 2—3 ft. Fields. The root an emetic similar to ipecac in operation, deobstruent, and, in small doses, tonic.
- A. hypericifolium*, Aiton. *g-w*. July. 2f. 2—3 ft. Gravelly, rocky banks of streams. Cathartic.
- A. cannabinum*? Mich. *g-w*. July. 2f. 2—3 ft. Open fields and woods.
- AQUILEGIA *Canadensis*, Linn. Wild Columbine. *r*. & *y*. April, May. 2f. 12—18 in. Rocks.
- ARABIS *lyrata*, Willd. *w*. April to Sept. ♂. 6—10 in. Rocks.
- A. laevigata*, Linn. *w*. May. 2f. 6—12 in. Rocky situations.
- A. Canadensis*, Willd. Sickie-pod. *w*. June. 2f. 1—2 ft. Rocky woods.

- A. rhomboidea*, Persoon. *w.* May. 2 $\frac{1}{2}$. 6—12 in. Wet.
- A. lyraefolia*, Raf. *w.* June. 2 $\frac{1}{2}$. 1—2 ft. Woods.
- ARALIA hispida*, Mich. *w.* July. 2 $\frac{1}{2}$. 1—2 ft. Dry swamps and rocky situations.
- A. racemosa*, Willd. Spikenard. *w.* June. 2 $\frac{1}{2}$. 3—4 ft. Woods and banks of ravines.
- A. nudicaulis*, Willd. Wild Sarsaparilla. *g-w.* May. 2 $\frac{1}{2}$. 18—24 in. The roots of this and of the preceding species, are stomachic, diaphoretic, and deobstruent.
- ARBUTUS uva-ursi*, Willd. Bearberry. *w-r.* 2 $\frac{1}{2}$. Ap. May. Rocky bluff on Van Schaick's Island, Mohawk river side. Diuretic, astringent, and tonic.
- ARCTIUM lappa*, Linn. Burdock. *r.* Aug. 2 $\frac{1}{2}$. Root and seeds diuretic and diaphoretic.
- ARENARIA serpyllifolia*, Linn. *w.* May—July. 2 $\frac{1}{2}$. 3—8 in. Sandy fields and hills.
- A. stricta*, Mich. *w.* May. June. 2 $\frac{1}{2}$. 6—12 in. Sandy and rocky hills.
- A. lateriflora*, Linn. *w.* June. 2 $\frac{1}{2}$. 6—10 in. Meadows.
- ARETHUSA bulbosa* ? Linn. *Arethusa.* *r.* June. 2 $\frac{1}{2}$. 6—12 in. Sphagnous swamps and wet woods.
- ARISTIDA dichotoma*, Mich. July—Sept. 2 $\frac{1}{2}$. 8—18 in. Gravelly soil, roadsides, &c.
- ARONIA arbutifolia*, Linn. Choak-berry. *w-r.* May. 2 $\frac{1}{2}$. 2—5 ft. Swampy grounds. Berries astringent.
- A. Botryapium*, Persoon. Shad-bush. *w.* Ap. May. 8—30 ft. Woods and rocky banks of ravines. An individual of this species, more than 40 feet in height, grows near the Rensselaer Institute.
- A. melanocarpa*, Black Choak-berry. *w.* May. 2 $\frac{1}{2}$. 4—6 ft. Swamps and low grounds.
- A. ovalis*, Persoon. *w.* May, June. 2 $\frac{1}{2}$. 2—4 ft. Rocky hills and banks of ravines.
- ARUM Dracontium*, Linn. Green Dragon. *g.* June, July. 2 $\frac{1}{2}$. 18 in. River banks. Acrid.
- A. triphyllum*, Linn. Indian Turnip. *g. p.* May, June. 2 $\frac{1}{2}$. 12—18 in. Wet woods and ravines. Root acrid to the taste, and siagagogue, when fresh; when recent and dried, stomachic and diaphoretic.
- ASARUM Canadense*, Linn. Wild Ginger. *g-p.* May. 2 $\frac{1}{2}$. Woods. Root aromatic, stomachic, and diaphoretic; similar to ginger in operation.

ASCLEPIAS syriaca, Linn. Milkweed. *w-p.* July, Aug. 24. 2—3 ft.
Fields and roadsides.

A. tuberosa, Linn. Butterfly-weed. *y.* July. 24. 2 ft. Sandy fields.
Root of this and of the preceding species diaphoretic, expecto-
rant, and deobstruent.

A. incarnata, Linn. *r.* July, Aug. 24. 2—4 ft. Banks of streams
and margins of ponds. Root expectorant, diaphoretic, diuretic,
anthelmintic, and, in large doses, cathartic. The following spe-
cies probably possess similar properties.

A. obtusifolia, Mich. *p.* June. 24. 2—3 ft. Sandy fields.

A. phytolaccoides, Pursh. *w-g.* July. 24. 3—4 ft. Ravines.

A. quadrifolia, Jacquin. *p-w.* June. 24. 1—2 ft. Woods and banks
of ravines.

A. verticillata, Linn. *g-p.* July. 24. 1—2 ft. Dry hills.

ASPARAGUS officinalis, Linn. Asparagus. *g-y.* June, July. 24. 2 ft.
River and canal banks. Diuretic.

ASPIDIUM acrostichoides, Willd. June to August. 24. 1—1½ ft. Ra-
vines.

A. Nov-Eboracense, Willd. July. 24. 1—1½ ft. Damp woods and
ravines.

A. marginale, Willd. July. 24. 12—18 in. Shady woods and
rocky ravines.

A. intermedium, Willd. July. 24. 1 ft. Shady woods and banks
of ravines.

A. bulbiferum, Willd. July. 24. 1 ft. Rocky ravines.

A. fragile, Willd. June, July. 24. 6—8 in. Rocky ravines.

A. rufidulum? June. 24. Rocks.

ASPLENIUM rhizophyllum, Willd. July. 24. 6 in. Rocks and ravines.

A. ebum, Willd. July. 24. 6—12 in. Rocky woods.

A. melanocaulon, Willd. July. 24. 4—6 in. In tufts on rocks.

A. thelypteroides, Mich. July. 24. 2 ft. Ravines.

A. montanum, Willd. July. 24. 18 in. Ravines and woods.

ASTER rigidus, Linn. disk *y.* rays *p.* Aug. 24. 1 ft. Dry woods.

A. multiflorus, Willd. disk *y.* rays *w.* Aug. 24. 2—3 ft. Road-
sides, dry fields, and gravelly banks of the river.

A. humilis, Willd. *w.* Aug. Sept. 24. 1—2 ft. Dry bushy pastures.

A. amygdalinus, Mich. *w.* Aug. Sept. 24. 2 ft. Woods and dry
bushy pastures.

A. salicifolius, Pursh. *p-b.* Aug.—Oct. 24. 3—4 ft. Dry situations.

A. Nova-Angliae, Linn. *b-p.* Aug. Sept. 24. 3—5 ft. Islands about
Troy.

- A. phlogifolius*, Willd. *b.* Aug. 24. 18 in.—2 ft. Dry hills in open woods.
- A. undulatus*, Linn. *b & y.* Sept. 24. 2—3 ft. Dry woods and bushy pastures.
- A. paniculatus*, Aiton. *w. y.* Aug.—Oct. 24. 2—4 ft. Dry situations. The white rays change to blue, and the yellow disk to purple or brown.
- A. cordifolius*, Linn. *w. p.* Sept.—Nov. 24. 2—3 ft. Woods.
- A. corymbosus*, Aiton. *w.* July, Aug. 24. 2 ft. Ravines.
- A. puniceus*, Linn. *b-p.* Aug.—Nov. 24. 4—7 ft. Damp situations.
- A. conyzoides*, Willd. *w.* July. 24. 18 in.—2 ft. Woods and copses.
- A. miser*, Linn. *w.* Aug.—Nov. 24. 1—3 ft. Fields.
- A. eminens*, Willd. *r-w.* Sept.—Nov. 24. 2—4 ft. Low grounds.
- ASTRAGALUS *Canadensis*, Linn. *w-y.* Milk Vetch. June. 24. 2 ft. River banks.
- ATRAGENE *Americana*, Linn. *p.* May. June. 5. Stem climbing.
- AZALEA *nudiflora*, Linn. Honeysuckle. Pinxter Blomachee. *r.* May. 5. 2—6 ft. Dry woods.
- BAPTISIA *tinctoria*, R. Br. Wild Indigo. *y.* July, Aug. 24. 2—3 ft. Dry woody hills.
- BARBAREA *vulgaris*, R. Br. Water Radish. Water Rocket. *y.* May. 24. 12—18 in. Banks of rivers. Wet lands.
- BETULA *populifolia*, Willd. White Birch. Poplar Birch. May. 5. 30—40 ft. Rocky woods and swamps.
- B. excelsa*, Aiton. Yellow Birch. May. 5. 40—80 ft. Low grounds, woods.
- B. papyracea*, Aiton. Paper Birch. Canoe Birch. May. 5. 40—60 ft. Woods.
- B. lenta*, Linn. Spicy Birch. Black Birch. May. 5. 50—80 ft. Low grounds and woods.
- B. glandulosa*? Scrub Birch. May. 5. 2—8 ft.
- BIDENS *cernua*. Water Beggar-ticks. *y.* August, Sept. ☼. 1—2 ft. Wet meadows, about ponds and ditches.
- B. chrysanthemoides*, Mich. Daisy Beggar-ticks, *y.* July—Sept. ☼. Wet.
- B. frondosa*, Linn. Burr Marygold. *y.* Aug. Sept. ☼. 3—4 ft. Woods and fields.
- B. Beckii*, Torrey. Water Marygold. July, Aug. *y.* 24. Pond near Schenectady.
- BLITUM *virgatum*, Linn. Slender Blite. *r.* June—Sept. 6—12 in. Fields and roadsides.

BÆHMERIA cylindrica, Willd. False Nettle. *g.* July. 2f. 1—3 ft.

Damp or wet situations.

BOTRYCHIUM virginicum, Willd. Rattlesnake Fern. June, July. 1—2 ft. Shady woods.

B. gracile, Pursh. June. Smaller than the last; perhaps only a variety of it.

B. ———? Sphagnous swamp.

BRACHYELYTRUM erectum, Beauv. July. 2f. 2—3 ft. Rocky hills and banks of ravines.

BROMUS secalinus, Linn. Chess. June. ☼. 2—3 ft. Grain fields.

B. ciliatus, Linn. June. 2f. 2—3 ft. River banks and woody pastures.

B. pubescens, Muhl. Broom-grass. June. 2f. 3—4 ft. Woods.

B. purgans, Linn. Aug. 2f. 2—4 ft. Wet meadows.

CALAMAGROSTIS Canadensis, Nutt. July. 2f. 2—4 ft. Meadows.

CALLA palustris, Linn. Water Arum. *g. w.* July, Aug. 2f. 6—8 in. Wet places: Root acrid. Sialagogue.

CALLITRICHE verna, Willd. June—Aug. ☼. In small shallow streams.

CALOPOGON pulchellus, Brown. Grass Pink. *p.* June, July. 2f. 12—18 in. Swamps.

CALTHA palustris, Linn. Marsh Marigold. *y.* Ap. May. 2f. 6—9 in. Bogs and wet meadows.

CAMPANULA rotundifolia, Linn. Flax Bell-flower, *b.* June, July. 2f. 8 in.—1 ft. Rocky banks.

C. amplexicaulis, Mich. *b.* May—July. ☼. 8 in.—1 ft. Dry situations.

C. Americana, Linn. *b.* July, Aug. 2f. 2—3 ft. Woods.

C. erinoides, Muhl. *w.* June, July. ☼. 1 ft. Wet meadows.

CANNABIS sativa, Linn. Hemp. *g.* Aug. ☼. 4—10 ft.

CARDAMINE Pennsylvanica, Muhl. American Water-cress. *w.* May—July. 2f. 12—18 in. Wet places.

CAREX bromoides, Schkuhr. May. 2f. 14 in. Wet places.

C. cephalophora, Willd. May. 2f. 10—20 in. Open woods.

C. rosea, Schkuhr. May. 2f. 6—12 in. Moist.

C. retroflexa, Muhl. May. 2f. 12—18 in. Woods.

C. stipata, Muhl. May. 2f. 1—2 ft. Wet situations.

C. multiflora, Muhl. May. 2f. 20 in. Shady places.

C. setacea, Dewey. May. 2f. 2 ft. High wet ground.

C. paniculata? Linn. May. 2f. 2 ft.

C. trisperma, Dewey. June. 2f. 18 in. Bogs.

- CAREX scoparia*, Schkuhr. June. 2f. 18 in. Wet meadows.
C. lagopodioides, Schkuhr. May. 2f. 2 ft. Wet situations.
C. straminea, Willd. May. 2f. 18 in. Meadows and moist places.
C. cristata, Schweinitz. June. 2f. 2 ft. Moist grounds.
C. stellulata, Schreber. May. 2f. 10 in. Wet places.
C. scirpoides, Schkuhr. May. 2f. 8—10 in. Wet.
C. curta, Gmelin. May. 2f. 20 in. Wet woods.
C. festucacea, Schkuhr. May. 2f. 18 in. Damp.
C. tenera? Dewey. May. 2f. 2 ft. Moist.
C. aurea, Nuttall. May. 2f. 4—6 in. Bogs and wet situations.
C. acuta, Linn. May. 2f. 2 ft. Wet.
C. cespitosa, Linn. May. 2f. 18 in. Margin of streams.
C. aquatilis, Wahlenberg. May. 2f. 2 ft. Wet.
C. stricta, Gmelin. May. 2f. 2—3 ft. Wet.
C. crinita, Lamareck. May. 2f. 2—3 ft. Wet.
C. polytrichoides, Muhl. May. 2f. 6—10 in. Swamps.
C. pedunculata, Muhl. April. 2f. 6 in. Dry Woods.
C. squarrosa, Linn. May, June. 2f. 2 ft. Wet places in meadows.
C. virescens, Muhl. May. 2f. 18 in. Dry woods.
C. hirsuta, Willd. May. 2f. 12—18 in. Damp places in elevated pasture lands.
C. gracillima, Schweinitz. May. 2f. 20 in. Moist.
C. fuliginosa? Schkuhr. 2f. 20 in. Meadows.
C. pubescens, Muhl. May. 2f. 12—18 in. Woods.
C. vestita, Willd. May. 2f. 2 ft. Along the rail-road west of Albany.
C. varia, Muhl. Ap. 2f. 10 in. Dry woods, hill sides, and ravines.
C. marginata, Muhl. Ap. 2f. 8 in. Dry woods.
C. flava, Linn. May. 2f. 1 ft. Wet.
C. tentaculata, Muhl. May. 2f. 18 in. Bogs.
C. folliculata, Linn. May. 2f. 12—18 in. Wet.
C. lupulina, Muhl. June. 2f. 2—3 ft. Wet.
C. plantaginea, Lamareck. Ap. 2f. 8—12 in. Dry woods and ravines.
C. anceps, Schkuhr. May. 2f. 8—12 in. Dry woods and ravines.
C. alba, Haenke. var. *setifolia*, June. 2f. 8 in. Rocky hills.
C. oligocarpa, Schkuhr. May. 2f. 4—8 in. Woods and hills.
C. conoidea, Schkuhr. May. 2f. 12 in. Moist fields.
C. granularis, Muhl. May. 2f. 8—12 in. Moist fields.
C. scabrata, Schweinitz. May. 2f. 18 in. Swampy places in woods.
C. laxiflora, Lamareck. May. 2f. 12—18 in. Moist places.

- CAREX flexuosa*, Schkuhr. May, June. 2f. 18 in.—2 ft. Moist woods.
C. miliacea, Muhl. May. 2f. 12—18 in. Wet grounds.
C. pallescens? Linn.
C. hystericina, Willd. May. 2f. 20 in. Swamps.
C. pseudo-Cyperus, Linn. June. 2f. 2 ft. Swamps and bogs.
C. filiformis? Gmelin. 2f. 2—3 ft. Swamps.
C. pellita, Muhl. May. 2f. 2 ft. Swamps.
C. vesicaria, Linn. May. 2f. 2 ft. Swamps.
C. retrorsa, Schweinitz. May. 2f. 2 ft. Grows in a swamp near Schenectady.
CARPINUS Americana, Willd. Hornbeam. *g.* May. 5. 20—30 ft. Woods.
CARYA alba, Linn. Shag-bark Hickory. *g.* May. 5. Large tree. Woods.
C. sulcata, Willd. *g.* Ap. May. 5. Large tree. Woods.
C. amara, Mich. Bitter-nut. *g.* Ap. 5. Large tree.
C. poreina, Mich. Pig-nut. *g.* May. 5. Large tree. Woods.
CASSIA Marilandica, Linn. Wild Senna. *y.* Aug. 2f. 2—4 ft. River alluvium. An active cathartic.
C. nictitans, Linn. Wild Sensitive-plant. *y.* July, Aug. ☼. 8—12 in. Gravelly banks of the river.
CASTANEA vesca, Gaert. Chesnut. *g.* June. 5. A large tree. Woods. Bark tonic and astringent.
CEANOTHUS Americanus, Linn. New-Jersey Tea. *w.* July. 5. 2—3 ft. Woods and bushy pastures. Slightly tonic and astringent.
CELASTRUS scandens, Linn. False Bitter-sweet. *g-y.* May, June. 5. Climbing. Woods, and margin of rivers. Deobstruent. An extract of the bark, applied in the form of ointment, to sores and bruises on horses and cows, is a popular remedy.
CELTIS occidentalis, Linn. *g-w.* May. 5. A single tree, 40 feet in height, grows on the bank of the Mohawk, opposite Troy.
CENCHRUS echinatus, Linn. Aug. ☼. 1—2 ft. Sandy ground.
CENTAURELLA paniculata, Mich. *g-w.* July, Aug. ☼. 6—8 in. Moist woods.
CEPHALANTHUS occidentalis, Linn. Button-bush. *w.* July, Aug. 5. 4—5 ft. Margin of ponds and of streams leading from them. Bark tonic.
CERASTIUM vulgatum, Linn. *w.* May—Aug. ☼. 6—10 in. Fields.
C. viscosum, Linn. *w.* May—Aug. ☼. 6—10 in. Fields.
C. nutans? Rafinesque.
C. oblongifolium, Torrey. *w.* June. ☼. 6—8 in. Rocky hills.

- CHARA vulgaris*, Willd. July. ☼. Stagnant water.
- CHELIDONIUM majus*, Linn. Celandine. *y.* May—Sept. 2f. 18 in.—2 ft. Roadsides. Deobstruent, narcotic, in large doses, emetic. Analogous to Blood-root. Ives.
- CHELONE glabra*, Linn. Snake-head. *w.* July, Aug. 2f. 2—3 ft. Damp. Tonic.
- CHENOPODIUM album*, Linn. Pig-weed. *g.* July, Aug. ☼. 2—4 ft. Garden fences and waste grounds.
- C. hybridum*, Linn. *g.* July, Aug. ☼. 2—3 ft. Waste places.
- C. rubrum*, Linn. Aug. ☼. 2 ft. Waste places.
- C. botrys*, Linn. *g.* July—Sept. 1 ft. Dry situations and gravelly banks of the river. Anthelmintic.
- CHIMAPHILA corymbosa*, Pursh. Prince's Pine. *p-w.* July. 2f. 4—6 in. Dry woods.
- C. maculata*, Pursh. *w.* July. 2f. 4 in. Dry woods. Both species tonic and diuretic, and analagous to *Arbutus uva-ursi*. The recent leaves are rubefacient.
- CHRYSANTHEMUM leucanthemum*, Linn. Ox-eye Daisy. *w.* June, July. 2f. 1—2 ft. Dry fields. A mild tonic.
- CHRYSOSPLENIUM oppositifolium*, Linn. Ap. May. 2f. Creeping. Wet.
- CICORIUM intybus*, Linn. Succory. *b.* July—Sept. 2f. 2—3 ft. Roadsides. Deobstruent and laxative.
- CICUTA maculata*, Linn. Water Hemlock. *w.* July, Aug. 2f. 3—5 ft. Wet. A very active narcotic. Poison.
- C. bulbifera*, Linn. *w.* July, Aug. 2f. 2—3 ft. Swamps.
- CINNA arundinacea*, Linn. Aug. 2f. 2—5 ft. Moist places in meadows.
- CIRCAEA lutetiana*, var. *Canadensis*, Linn. *w.* July, Aug. 2f. 12—18 in. Moist shady places.
- C. alpina*, Linn. *w.* July. 2f. 6—8 in. Damp woods.
- CISTUS Canadensis*, Linn. Rock Rose. *y.* June. 2f. 12 in. Rocky hills in woods.
- C. ramuliflorum?* *y.* 2f. 8—12 in. Margins of dry woods.
- CLAYTONIA virginica*, Linn. *r-w.* Ap. May. 4—8 in. Wet.
- CLEMATIS Virginiana*, Linn. *w.* July. ♀. Climbing.
- CNICUS lanceolatus*, Willd. Thistle. *p.* July—Sept. ♂. 2—4 ft. Fields and roadsides.
- C. altissimus*, Willd. *p.* Aug. Sept. 2f. 3—8 ft. Swamp a little north of Waterford.
- C. arvensis*, Willd. Canada Thistle. *p.* July. 2f. 2—3 ft. Troublesome in fields.

- CNICUS *discolor*, Muhl. *p.* July. ♂. 3—6 ft.
C. odoratus, Muhl. *p.* July. ♂. 1—2 ft. Dry situations.
C. glutinosus, Bigelow. *p.* Aug. ♂. 3—5 ft.
COCHLEARIA *armoracia*, Linn. Horse Radish. *w.* June. 2f. 2 ft.
Waste grounds. Fresh plant secernent-stimulant and rubefacient.
COLLINSONIA *Canadensis*, Linn. Horse Balm. *y.* Aug. 2f. 2—3 ft.
Woods. Diuretic and slight tonic.
COMPTONIA *asplenifolia*, Aiton. Sweet Fern. *Ap.* May. ½. 1—3 ft.
Woods and roadsides. Mild astringent and tonic.
CONIUM *maculatum*, Linn. Poison Hemlock. *w.* July. 2f. 2—4 ft.
Roadsides. An active narcotic and deobstruent. Poisonous.
CONVALLARIA *bifolia*, Linn. *w.* May. 2f. 4—6 in. Shady woods.
C. stellata, Linn. *w.* May, June. 2f. 1 ft. River banks.
C. trifolia, Linn.
C. racemosa, Linn. *y-w.* May. 2f. 18 in.—2 ft. Ravines and woods.
C. borealis, g-y. May, June. 2f. 6—8 in. Wet woods.
C. multiflora, Linn. Solomon's Seal. *g.* July. 2f. 2—4 ft. Meadows and river banks.
C. pubescens, Willd. *y-w.* May, June. 2f. 12—18 in. Rocks.
CONVOLVULUS *sepium*, Linn. Wild Morning-glory. *w.* June, July. 2f. Climbing. Islands and margin of the river.
C. arvensis, Linn. *w.* June, July. 2f. Green Island.
C. spithameus, Linn. *w.* June. 2f. 9—12 in. Dry fields and hills.
COPTIS *trifolia*, Salisbury. Gold Thread. *w.* May. 2f. 2—4 in. Swamps. Tonic.
CORALLORHIZA *odontorhiza*, Nuttall. *p.* Aug. Sept. 2f. 4—8 in. Woods. Nerveine.
C. multiflora, Nuttall. *p.* July—Sept. 2f. 8—12 in. Woods.
CORNUS *Canadensis*, Linn. *w.* May, June. 2f. 6 in. Wet woods.
Drupe red.
C. florida, Linn. Dog-wood. *w.* May. ½. 10—25 ft. Woods.
Drupe scarlet.
C. sericea, L'Heritier. *w.* June. ½. 5—10 ft. Banks of streams.
Drupe blue.
C. sanguinea, Linn. *w.* June. ½. 8—12 ft. Low grounds. Drupe dark brown.
C. circinata, L'Heritier. *w.* June. ½. 6—8 ft. Rocky banks of ravines. Drupe blue.
C. alba, Linn. *w.* June, July. ½. 6—10 ft. Wet situations. Drupe white.

- CORNUS paniculata*, Linn. *w.* July. \bar{h} . 4—6 ft. Woods and banks of ravines. Drupe white. The different species of *Cornus* possess tonic or astringent properties, or both, in a greater or less degree.
- CORYDALIS glauca*, Pursh. *g-y.* & *r.* May—July. \odot . 12—18 in. Open, rocky woods.
- CORYLUS Americana*, Mich. Hazle-nut. April. \bar{h} . 4—8 ft. Woods and bushy pastures. Bark astringent.
- C. rostrata*, Willd. Hazle-nut. May. \bar{h} . 3—4 ft. Woods.
- CRATAEGUS coccinea*, Linn. Thorn-bush. *w.* May. \bar{h} . 6—10 ft. Open woods and fields. Fruit red.
- C. punctata*, Jacquin. Thorn-tree. *w.* May. \bar{h} . 10—30 ft. Fields, woods, and swamps. Fruit red and yellow.
- C. crus-galli*, Willd. *w.* May, June. \bar{h} . Tall shrub or small tree. Borders of woods and fields. Fruit red.
- C. oxycantha*, Linn. Hawthorn. *w.* June. \bar{h} . 8—10 ft. Hedges and fields. Fruit red, small. Introduced.
- CRYPTA minima*, Nutt. *w-g.* Aug. \odot . 1 in. Abundant on the muddy shore of the Hudson, a mile below Albany.
- CRYPTOTAENIA canadensis*, De Cand. *w.* June. \mathcal{L} . 1—2 ft. Banks of streams and damp places.
- CUSCUTA Americana*, Linn. *w.* July. \odot . A twining, leafless parasite. Low shady grounds.
- CYNOGLOSSUM officinale*, Linn. Hound's Tongue. *p.* June, July. \mathfrak{z} . 2 ft. Roadsides. Narcotic. Poisonous.
- CYPERUS inflexus*, Muhl. Aug. 2—3 in. West bank of the Hudson, a little below Troy.
- C. flavescens*, Linn. Aug. \mathcal{L} . 6 in. Wet.
- C. phymatodes*, Muhl. Aug. \mathcal{L} . 12—18 in. Moist low grounds.
- C. mariscoides*, Elliott. Aug. \mathcal{L} . 8—10 in. Sandy and rocky fields.
- C. flavicomis*, Mich. ?
- C. strigosus*, Linn. Aug. \mathcal{L} . 2 ft. Wet sandy grounds.
- CYPRIPEDIUM parviflorum*, Salisbury. *y.* May, June. \mathcal{L} . 1 ft.
- C. pubescens*, Willd. Yellow Ladies' Slipper. *y.* May. \mathcal{L} . 1—2 ft. Woods.
- C. spectabile*, Salisbury. *w.* & *p.* June. \mathcal{L} . 2—3 ft. Woods on the margin of a swamp 3 miles west of Albany.
- C. acaule*, Aiton. *p.* May, June. \mathcal{L} . 1 ft. Moist shady woods. The roots of this and of the preceding species are nerveine.
- DACTYLIS glomerata*, Linn. Orchard-grass. June. \mathcal{L} .
- DALIBARDA repens* ? Lamarck. June. \mathcal{L} .

- DALIBARDA *fragaroides*, Mx. Dry Strawberry. *y.* May. 2f. Woods.
- DANTHONIA *spicata*, Willd. Wild Oats. July. 2f. Dry hills and Woods.
- DATURA *stramonium*, Linn. Thorn Apple. *w-b.* July—Sept. ☼. 2—4 ft. Waste grounds.
- D. *tatula*, Linn. *p-w.* July—Sept. ☼. 2—4 ft. Waste grounds.
Both species are active narcotics, the seeds the most active.
- DAUCUS *carota*, Linn. Carrot. *w.* June. ♂. 2—3 ft.
- DECODON *verticillatum*, Elliott. *p.* July, August. 2f. 2—3 ft. Swamps. Mild tonic and astringent.
- DELPHINIUM *consolidum*, Linn. Larkspur. *b.* July. ☼. 2 ft. About cultivated fields.
- DENTARIA *diphylla*, Mich. *w.* May. 2f. 6—8 in. Wet and shady situations.
- D. *laciniata*, Willd. *r-w.* May. 2f. 8 in. Shady river banks and streams.
- DESMODIUM *Canadense*, De Cand. *p.* July. 2f. 3—4 ft. Dry woods.
- D. *Marylandicum*, De Cand. *p.* July, Aug. 2f. 2—4 ft. Dry fields, woods, and river banks.
- D. *ciliare*, De Cand. *p.* Aug. 2f. 2 ft. Green Island.
- D. *Aikinianum*, Beck. *r-p.* July, Aug. 2f. 3 ft. Islands about Troy.
- D. *obtusum*, De Cand. *p.* July, Aug. 2f. 2—3 ft. Woods. Green Island.
- D. *rotundifolium*, De Cand. *p.* Aug. 2f. 2—3 ft. Rocky woods.
- D. *nudiflorum*, De Cand. *p.* July, Aug. 2f. Stem 10 in. Scape radical, 2 ft. Woods.
- D. *acuminatum*, De Cand. *p.* July, Aug. 2f. 2—3 ft. Shady woods and ravines.
- D. *bracteosum*, De Cand. *p.* or *violet.* Aug. 2f. 3—5 ft. Woods.
- DICKSONIA *pilosiuscula*, Willd. Five-haired Fern. July. 2f. 2—3 ft. Shady places, fences.
- DICLYTRA *cucullaria*, De Cand. *y-w.* May. 2f. 6—8 in. Shady hills.
- D. *Canadensis*, De Cand. May. 2f. 6—8 in. Shady woods. Hoosick.
- DIERVILLA *Canadensis*, Mich. Bush Honeysuckle. *y.* & *r-y.* June—Aug. ♀. 2—3 ft.
- DIGITARIA *sanguinalis*, Scopoli. Aug. Sept. ☼. 1—2 ft. Cultivated fields and roadsides.
- DIPSACUS *sylvestris*, Linn. Wild Teasel. *b.* July. ♂. 3—4 ft. Green Island, Troy.
- DIRCA *palustris*, Willd. Moose-wood. *y.* Ap. ♀. Swamps and wet woods.

- DROSERA rotundifolia*, Sun-dew. *y-w*. July, August. 2f. 4—8 in. Wet or sphagnous swamps.
- D. longifolia*, *y-w*. July. 2f. 3—6 in. Wet. Sphagnous swamps.
- DULICHIMUM spathaceum*, Persoon. Galingale. *y-g*. July. 2f. 12—18 in. Swamps and margin of ponds.
- ELUSINE indica*, Mich. Dogtail-grass. July. ☼. 8—12 in. Road-sides.
- ELYMUS virginicus*, Linn. Wild Rye. July. 2f. 2—4 ft. River banks.
- E. Canadensis*, Linn. var. *glaucifolius*, Aug. 2f. 2—4 ft. Banks of rivers.
- E. villosus*, Muhl. Lime-grass. July. 2f. 2—3 ft. River banks.
- E. hystrix*, Linn. July. 2f. 2—3 ft. Rocky hills, pastures, and woods.
- EPIGEA repens*, Linn. Trailing Arbutus. *r. & w*. April. ♀. Creeping along woody hills.
- EPILOBIUM spicatum*, Lamarck. Willow-herb. *p*. July. 2f. 4—6 ft. Meadows and banks of ravines.
- E. coloratum*, Muhl. *r-p*. July. 2f. 2—4 ft. Wet.
- E. palustre*, Willd. a var. of *coloratum*. *p*. July. 2f. 1—2 ft. Wet situations.
- E. lineare*, Muhl. *w-r*. July. 2f. 12—18 in. Moist woods, and margin of ponds.
- EPIPHEGUS Americanus*, Nutt. Beech Drops. Cancer-root. *y-p*. July. 2f. 8—12 in. Woods. A leafless parasite. Astringent.
- EQUISETUM arvense*, Linn. Horsetail. April, May. 2f. 6—8 in. Moist grounds.
- E. hyemale*, Linn. Scouring Rush. June, July. 2f. 1—2 ft. Woods and low grounds. Diuretic.
- E. sylvaticum*, Linn. April, May. 2f. 12—18 in. Wet meadows and low grounds.
- E. scirpoides*, Mich. July. 2f. 3—6 in. Woods and dry grounds.
- ERIGERON bellidifolium*, Linn. *p*. May. 2f. 1—2 ft. Open woods and fields.
- E. heterophyllum*, Linn. *w*. May, June. ♂. 2—3 ft. Fields.
- E. Philadelphicum*, Linn. *pale p*. Aug. 2f. 1—3 ft. Fields.
- E. strigosum*, Linn. *w*. July, Aug. ♂. 2—3 ft. Fields and meadows.
- E. Canadense*, Linn. *w*. July—Sept. ☼. 6 in. to 6 ft. Dry barren fields. This and the preceding species are stomachic, astringent, and diuretic; taste aromatic and pungent, owing to an

- essential oil, which is yielded in abundance by distillation, from
E. Canadense.
- ERIOCAULON pellucidum*, Mich. Pipe-wort. *g.* Aug. 2 $\frac{1}{2}$. 6—12 in. In
 water. Sandlake.
- ERIPHORUM vaginatum*, Linn. May. 2 $\frac{1}{2}$. 12 in. Sphagnous swamps.
- E. polystachyon*, Linn. Cotton-grass. June, July. 2 $\frac{1}{2}$. 1—2 ft.
 Swamps.
- E. virginicum*, Linn. June, July. 2 $\frac{1}{2}$. 2—4 ft. Swamps.
- E. angustifolium*, Roth. June, July. 2 $\frac{1}{2}$. 12—18 in. Sphagnous
 swamps.
- ERVUM tetraspermum*, Linn. *b-w.* May, June. ☼. 8—12 in. Wet
 meadows.
- ERYTHRONIUM Americanum*, Smith. Adder's-tongue. *y.* Ap. May.
 2 $\frac{1}{2}$. 6—10 in. Moist open woods and meadows. Emetic when
 recent.
- E. albidum*, Nutt. *b-w.* Ap. May. 2 $\frac{1}{2}$. 6—8 in. Meadow north of
 Albany. Rare.
- EUPATORIUM sessilifolium*, Linn. *w.* Aug. Sept. 2 $\frac{1}{2}$. 2—3 ft. Rocky
 ravines.
- E. purpureum*, Linn. *p.* Aug. Sept. 2 $\frac{1}{2}$. 4—6 ft. Damp grounds.
 Root sold under the name of Queen of the Meadow. Diuretic.
- E. verticillatum*, Willd. *w-p.* Aug. Sept. 2 $\frac{1}{2}$. 4—6 ft. Moist woods
 and low grounds.
- E. perfoliatum*, Linn. Boneset. Thorough-wort. *w.* Aug. Sept. 2 $\frac{1}{2}$.
 2—3 ft. Wet meadows and swampy grounds. Tonic, diapho-
 retic; in large doses emetic and aperient.
- E. ageratoides*, Linn. *w.* Aug. Sept. 2 $\frac{1}{2}$. 2—3 ft. Woods and rocky
 hills.
- EUPHORBIA helioscopia*, Linn. *g.* June, July. ☼. 12—18 in.
- E. hypericifolia*, Linn. July—Sept. ☼. 12—18 in. Fields and
 roadsides.
- E. maculata*, Linn. July—Oct. Dry fields, roadsides, and side-
 walks in the city.
- FAGUS ferruginea*, Aiton. Red Beech. *y-w.* May. 5. 40—60 ft.
 Woods.
- F. sylvatica*, Linn. White Beech. *y-w.* May. 5. 50—100 ft.
 Woods. Bark astringent.
- FEDIA radiata*, Mich. *w.* June. ☼. 10—15 in. Open woods on the
 road from Troy to Albany.
- FESTUCA nutans*, Willd. June. 2 $\frac{1}{2}$. 3 ft. Woods and hills.
- F. pratensis*, Hudson. June, July. 2 $\frac{1}{2}$. 1—2 ft. Meadows and fields.

- FLOERKIA uliginosa*, Muhl. *w.* Ap. May. ☼. 6 in. Ditches between Albany and Troy.
- FRAGARIA Virginiana*, Linn. Wild Strawberry. *w.* May, June. 2℥. 4—6 in. Fields and rocky banks of ravines.
- F. Canadensis*, Mich. Mountain Strawberry. *w.* Ap. May. 2℥. 4—8 in. Fields.
- FRAXINUS sambucifolia*, Mich. Black Ash. May. ♀. 30—40 ft. Low grounds and river banks.
- F. acuminata*, Lamareck. White Ash. May. ♀. 50—60 ft. Woods.
- F. pubescens*, Walt. Red Ash. May. ♀. 40—50 ft. Woods.
- F. juglandifolia*, Lamareck. Swamp Ash. May. ♀. A small tree. Wet woods.
- GALEOPSIS tetratrit*, Linn. *r.* & *w-r.* July. ☼. 1—2 ft. Fences and neglected fields.
- GALIUM trifidum*, Linn. *w.* June, July. 2℥. 6—12 in. Swamps and wet meadows.
- G. tinctorium*, Linn. Dyers' Cleavers. *w.* June—Aug. 2℥. 1 ft. Wet woods.
- G. asprellum*, Mich. *w.* July. 2℥. 1—2 ft. Moist places, meadows, &c.
- G. brachiatum*, Pursh. *w.* June—Aug. 2—3 ft. Woods and meadows.
- G. aparine*, Linn. *w.* June. ♂. 3—4 ft. Moist woods and banks of ravines. Diuretic.
- G. triflorum*, Mich. *w.* July, Aug. 1—2 ft. Moist woods, &c.
- G. circæzans*, Mich. Wild Liquorice. *p.* June, July. 2℥. 6—12 in. Woods and dry banks of ravines. Cathartic and deobstruent.
- G. lanceolatum*, Torrey. *p.* July. 2℥. 1 ft. Woods and dry banks of ravines.
- G. boreale*, Pursh. *w.* July, Aug. 2℥. 1—2 ft. Sandy woods and bushy pastures.
- GAULTHERIA procumbens*, Linn. Spicy Wintergreen. *w.* May—July. 2℥. 4—6 in. Dry woods. Stomachic, astringent, and diuretic.
- GAURA biennis*, Linn. Virginian Loosestrife. *r.* & *y.* Aug. ♂. 2—4 ft. Banks of streams and dry fields.
- GENTIANA Saponaria*, Linn. Soap Gentian. *b.* & *w.* Sept. Oct. 2℥. 1—2 ft. Woods and meadows. Root tonic.
- G. quinqueflora*, Willd. *pale b.* Aug.—Oct. ♂. 12—18 in. Wet clayey soils and hill sides. Root tonic.
- G. crinita*, Willd. Fringed Gentian. *b.* Sept.—Nov. 2℥. 1—2 ft. Swamps, woods and fields. Root tonic.

- GERANIUM *maculatum*, Linn. Cranesbill. *p.* June. 2f. 1—2 ft.
Fields and open woods. Root a pure and valuable astringent.
- G. *Carolinianum*, Linn. *w-r.* July. ♂. 12—18 in. Along the Albany and Schenectady rail-road, two miles west of Albany.
- G. *dissectum*, Linn. Wood Geranium. *r.* June. ☼. 1 ft. Grows with the last.
- G. *robertianum*, Linn. Herb Robert. *r.* June—Sept. ☼. 10—15 in. Rocky banks of ravines.
- GERARDIA *flava*, Linn. False Foxglove. *y.* July—Sept. 2f. 2—4 ft.
Dry and rocky open woods.
- G. *glauca*, Eddy. *y.* Aug. Sept. 2f. 3—5 ft. Woods.
- G. *pedicularia*, Linn. *y.* July—Sept. 2f. 2—3 ft. Kinderhook.
- G. *tenuifolia*, Linn. *p.* July—Sept. ☼. 6—12 in. Dry open woods.
- GEUM *strictum*, Aiton. *y.* June, July. 2f. 2 ft. Wet meadows and swamps.
- G. *Virginianum*, Linn. *w.* July. 2f. 2 ft. Shady woods. Root tonic and astringent.
- G. *album*, Willd. *w.* July. 2f. 2 ft. Banks of streams and wet places.
- G. *rivale*, Linn. Avens. *p.* & *y.* May—July. 2f. 18 in. Swamps and wet places. Root astringent and tonic.
- GLECHOMA *hederacea*, Linn. Gill-over-the-ground. *b.* & *r.* May. 2f. Meadows.
- GLEDITSCHIA *triacanthos*, Linn. Honey Locust. *y-g.* June. ♂. 20—50 ft. Cultivated.
- GLYCERIA *acutiflora*, Torrey. June. 2f. Grass 2—3 ft. Ditches and wet places in meadows, a little west and north of Troy.
- GNAPHALIUM *margaritaceum*, Linn. *y.* calyx white. July—Sept. 1—2 ft. Woods and hills.
- G. *polycephalum*, Mich. Sweet-scented Life-everlasting. *y-w.* July—Sept. ☼. 1—2 ft. Fields.
- G. *decurrens*, Ives. *y-w.* July. ☼. 1—2 ft. Fields and roadsides.
- G. *plantagineum*, Linn. Mouse Ear. *r-w.* April—June. 2f. Woods and pastures.
- C. *uliginosum*, Linn. *y-w.* July—Sept. ☼. 4—6 in. Wet grounds and roads.
- GOODYERA *pubescens*, R. Br. Rattlesnake Leaf. *w.* July, Aug. 2f. 6—12 in. Shady woods.
- GRATIOLA *virginica*, Linn. *y-w.* July, Aug. 6—8 in. Wet meadows and banks of streams.
- GYROMIA *virginica*, Nutt. Indian Cucumber. *g-y.* May, June. 2f. 1—2 ft. Moist woods.

- HABENARIA ciliaris*, R. Br. *y.* July. 2 $\frac{1}{2}$. 1—2 ft. Woods, and sometimes about swamps.
- H. blephariglottis*, Willd. *w.* June, July. 2 $\frac{1}{2}$. 18—24 in. Sphagnous swamps.
- H. psychodes*, Sprengel. *y-g.* July. 2 $\frac{1}{2}$. 2 ft. Wet woods and margins of swamps.
- H. dilatata*, Lindley. Giant Orchis. *w.* or *g.* June, July. 2 $\frac{1}{2}$. In the woods the flowers are green, in the open meadows white. 1—3 ft.
- H. bracteata*, R. Br. *g-w.* July, Aug. 2 $\frac{1}{2}$. 8—12 in. Shady woods in moist places.
- H. herbiola*, R. Br. *g-w.* June. 2 $\frac{1}{2}$. 12—18 in. Open swamps.
- H. orbiculata*, Lindley. *g-w.* July. 2 $\frac{1}{2}$. 12—18 in. Shady woods.
- H. macrophylla*, Torrey. *g-y.* June, July. 2 $\frac{1}{2}$. 12—18 in. Shady woods, frequently with the last.
- H. fimbriata*, R. Br. *p.* June, July. 2 $\frac{1}{2}$. 2 ft. Moist or wet meadows.
- HAMAMELIS virginica*, Linn. *y.* Oct. Nov. 5. 6—12 ft. Woods, open fields, and banks of ravines. Bark tonic and astringent.
- HEDEOMA pulegioides*, Persoon. Pennyroyal. *p.* June—Aug. 6. 6—10 in. Dry hills, fields, and woods. Aromatic, stimulant, diaphoretic, and emmenagogue. Properties depend on an essential oil.
- HELENIUM autumnale*, Linn. *y.* Aug. Sept. 2 $\frac{1}{2}$. 3—5 ft. Low grounds and river banks. Tonic and errhine.
- HELIANTHUS frondosus*, Willd. *y.* July—Sept. 2 $\frac{1}{2}$. 4 ft. Woods.
- H. trachelifolius*, Willd. *y.* Aug.—Oct. 2 $\frac{1}{2}$. 2—4 ft. Woods, dry or rocky situations.
- H. altissimus*, Linn. *y.* July—Sept. 2 $\frac{1}{2}$. 4—8 ft. Islands in the Hudson river.
- H. decapetalus*? Linn. *y.* Aug.—Oct. 2 $\frac{1}{2}$. 3—4 ft. Rocky woods.
- H. tuberosus*, Linn. Artichoke. *y.* July—Sept. 2 $\frac{1}{2}$. 4—8 ft. Naturalized.
- HELIOPSIS laevis*, Persoon. *y.* July. 2 $\frac{1}{2}$. 3—5 ft. Banks of streams and rivers, margins of woods, &c.
- HELONIAS dioica*, Pursh. *w.* June. 2 $\frac{1}{2}$. 1—2 ft. Woods about the Poesten-kill, rare.
- HEPATICACUTILLOBA*? De Cand. *w. b.* April, May. 2 $\frac{1}{2}$. 5 in.
- H. Americana*, De Cand. *w. b. p.* April, May. 2 $\frac{1}{2}$. 5 in. Woods. Demulgent, mild tonic, and astringent.
- HERACLEUM lanatum*, Mich. Cow Parsnip. *w.* June, July. 2 $\frac{1}{2}$. 3—5 ft. Meadows and river banks. Ripe seeds an excellent stomachic; green ones actively narcotic. Tully.

- HETERANTHERA reniformis*, Mich. *w-g.* July, Aug. 2f. 4—8 in.
 Overflowed banks of the Hudson below Albany.
- HIERACIUM venosum*, Linn. Vein-leaf. *y.* July, Aug. 2f. 1—2 ft.
 Shady and open woods.
- H. Gronovii*, Linn. *y.* July, August. 2f. 2 ft. Dry woods and shady pastures. Probably synonymous with the last.
- H. paniculatum*, Willd. *y.* July—Sept. 2f. 1—3 ft. Woods.
- H. marianum*, Willd. *y.* July, Aug. 2f. 2 ft. Woods and bushy pastures.
- H. Kalmii*, Linn. *y.* Aug. 2f. 2—3 ft. Rocky woods.
- HOUSTONIA cœrulea*, Linn. *b. & b-w.* April, May. 2f. 4—6 in.
 Fields and borders of woods.
- H. longifolia*, Willd. *w-p.* June, July. 2f. 4—8 in. Dry hill sides and open woods.
- HUMULUS lupulus*, Linn. Hop. *g-y.* Aug. 2f. Twining. Hedges and shady river banks. The strobiles and the pulverulent substance contained in them, called Lupulin, are tonic, moderately narcotic, and diuretic.
- HYDROCOTYLE Americana*, Linn. *g-w.* June, July. 2f. 4—6 in.
 Moist places, in ravines and meadows.
- HYDROPELTIS purpurea*, Mich. *p.* July, Aug. 2f. Ponds.
- HYDROPHYLLUM virginicum*, Linn. *w. & b.* June. 2f. 12—18 in.
 Shady situations.
- HYOSCYAMUS niger*, Linn. Henbane. *y. & p.* July. ☼. or ♂. 12—18 in. Roadsides. An active narcotic. Poisonous. Introduced?
- HYPERICUM pyramidatum*, Willd. *y.* July. 2f. 2 ft. Formerly grew on an island in the Mohawk, near Troy.
- H. perforatum*, Linn. St. John's wort. *y.* June—Aug. 2f. 1—2 ft.
 Fields and roadsides. Mild tonic.
- H. corymbosum*, Willd. *y.* June. 2f. 18—24 in. Shady woods, ravines, and swamps.
- H. parviflorum*, Willd. *y.* June—Aug. ☼. 6—12 in. Low or overflowed grounds.
- H. virginicum*, Linn. *y-p.* July—Sept. 12—18 in. Sphagnous swamps and wet meadows.
- HYPOPITHYS lanuginosa*, Nutt. *y-w.* July. 2f. 3—6 in. Roots of trees in shady or open woods.
- HYPOXIS erecta*, Linn. *y.* June, July. 2f. 4—8 in. Woods and meadows.
- HYSSOPUS nepetoides*, Linn. *g-y.* or *g-p.* July. 2f. 3—6 ft. Woods.
- H. scrophularifolius*, Linn. *p.* July. 2f. 3—5 ft. Shady banks of streams.

- ICTODES fetidus*, Big. Skunk Cabbage. *p. y. & g.* Ap. 2f. Wet meadows and open swamps. The recent dried root is a valuable nervine.
- IMPATIENS pallida*, Nutt. *y.* July, Aug. ☼. 2—4 ft. Damp grounds, frequently along fences.
- I. fulva*, Nutt. Touch-me-not. *y.* spotted. July, Aug. ☼. 2—4 ft. Wet grounds.
- INULA Helenium*, Linn. Elecampane. *y.* July, Aug. 2f. 3—4 ft. Roadsides. Root tonic, gently stimulant, and probably deobstruent.
- IRIS versicolor*, Linn. Blue Flag. *b.* June. 2f. 18 in—3 ft. Wet meadows and margins of ponds. Root an active cathartic.
- ISANTHUS cœruleus*, Mich. False Pennyroyal. *pale b.* July—Sept. ☼. 6—12 in. Gravelly river banks and rocky places.
- ISNARDIA palustris*, Linn. June. 2f. creeping or prostrate. Stagnant waters and overflowed grounds. A variety of this or another species, with an ascending, rigid stem, flowering in August, grows 3 miles west of Albany.
- JUGLANS cinerea*, Linn. Butternut. April, May. ½. A large tree. Woods and open fields. Bark cathartic.
- JUNCUS effusus*, Linn. June, July. 2f. Culm 2—3 ft. Wet grounds.
- J. tenuis*, Willd. June, July. 2f. 10—12 in. Low grounds, and along footpaths in fields.
- J. nodosus*, Linn. July, Aug. 2f. 8—12 in. Swamps.
- J. bufonius*, Linn. July, Aug. ☼. 4—8 in. Moist places, often along roadsides.
- J. acuminatus*, Mich. July, Aug. 2f. 12—18 in. Bogs, and along streams.
- J. polycephalus*, Mich. July, Aug. 2f. 2—3 ft. Boggy meadows, low grounds, and sphagnous swamps.
- I. subverticillatus*, Mich. July, Aug. 2f. 18 in. About ponds, sphagnous swamps, &c.
- JUNIPERUS communis*, Linn. Juniper. *g.* May—July. ½. Rocky banks of streams, and barren open woods. Berries and tops gently stimulant, diuretic, and diaphoretic.
- J. Virginiana*, Linn. Red Cedar. *y-g.* May. ½. 15—50 ft. Woods and pastures. Properties similar to those of the preceeding.
- KALMIA latifolia*, Linn. *w-r.* June, July. ½. 4—10 ft. Woods 6 miles west of Troy. Narcotic and diuretic. Poisonous.
- K. angustifolia*, Linn. Sheep Laurel. *r. or rose color.* June, July. ½. Sandy woods and margins of swamps. Narcotic, and

the pulverized leaves, errhine. The honey made by bees, from the flowers of either of the species, is poisonous.

K. glauca, Aiton. *pale r.* May, June. ♀. 1—2 ft. Botany pond Greenbush, and 2 miles west of Albany, in a swamp.

KÆLERIA Pennsylvanica, De Cand. June. 2f. 2 ft. Dry and rocky woods.

KRIGIA virginica, Linn. *y.* May—Aug. ☼. 3—8 in. Sandy soils.

LACTUCA elongata, Muhl. *y.* June—Sept. ♂. 3—6 ft. Fields and roadsides. Narcotic and deobstruent.

L. sanguinia, Big. *p. & r.* July, Aug. ♂. 2—3 ft. Along the Albany and Schenectady rail-road.

LAMIUM amplexicaule, Linn. *r. p.* May—Oct. ☼. 6—10 in. Fields and roadsides.

LAURUS benzoin, Linn. *g-y.* April, May. ♀. 6—10 ft. Banks of streams and swamps. Diaphoretic.

L. sassafras, Linn. *Sassafras. y.* May. ♀. 10—40 ft. River banks and woods. Bark of the root stimulant and diaphoretic; pith mucilaginous.

LECHEA major, Mich. *brown.* July. 2f. 1—2 ft. Barren soils in pastures, &c.

LEDUM latifolium, Aiton. *Labrador Tea. w.* June. ♀. 2—3 ft. Sphagnous swamps.

LEERSIA virginica, Willd. July. 2f. 2—3 ft. Wet ravines and low river banks.

L. oryzoides, Swartz. July. 2f. 3—4 ft. Ditches and swamps.

LEMNA polyrrhiza, Linn. June, July. ☼. Leaves small, floating on stagnant waters.

L. minor, Linn. June, July. ☼. Smaller than the preceding, and in similar situations.

LEONTICE thalictroides, Linn. *g-y.* Ap. May. 2f. 2 ft. Woods. Hoosick. *CAULOPHYLLUM thalictroides*, Mich. Root resembles that of *Polygala senega*, in sensible properties. Narcotic, expectorant, and diuretic.

LEONTODON taraxacum, Linn. *Dandelion. y.* April—Nov. Deobstruent and diuretic.

LEONURUS cardiaca, Linn. *Motherwort. w-r.* July. 2f. 2—3 ft. Nervine and tonic.

LEPIDIUM virginicum, Linn. *Wild Pepper-grass. w.* June—Oct. ☼. 1 ft. Sandy fields and roadsides.

LEPIDIUM campestre, Brown. June. ☼. 1—2 ft. Flax fields.

THLASPI campestre, Linn.

- LEPTANDRA *virginica*, Nutt. Culver's Physic. *w.* July, Aug. 2f. 2—4 ft. Fields and woods.
- LESPEDEZA *capitata*, Mich. *w-p.* July, Aug. 2f. 2—3 ft. Borders of woods and bushy pastures.
- L. *polystachya*, Mich. *r-w.* July, Aug. 2f. 2—4 ft. Dry woods.
- L. *sessiliflora*, Mich. *violet.* July, Aug. 2f. 2 ft. Dry woods.
- L. *violacea*, Persoon. *violet.* July. 2f. 1—2 ft. Dry woods.
- L. *procumbens*, Mich. *p.* spotted with *yellow.* Aug. Sept. Sandy woods and stony banks of rivers.
- LILIUM *Philadelphicum*, Linn. Lily. *r-y.* spotted. June, July. 2f. 18—24 in. Woods and meadows.
- L. *Canadense*, Linn. Nodding Lily. *y.* spotted. July, Aug. 2f. 2—4 ft. Wet meadows.
- LINDERNIA *attenuata*, Muhl. *pale b.* July—Sept. ☼. Inundated banks of streams and rivers.
- L. *dilatata*, Muhl. *pale p.* July, Aug. ☼. 4—6 in. Inundated banks of streams and rivers.
- LINNEA *borealis*, Gronovius. Twin flower. *w-r.* July. 2f. Creeping. Woods west of Troy.
- LINUM *virginianum*, Linn. *y.* July, Aug. ☼. 1—2 ft. Fields and bushy pastures.
- LIRIODENDRON *tulipifera*, Linn. White-wood. *y.* July. ♀. A large tree. Sandlake. Bark tonic.
- LITHOSPERMUM *arvense*, Linn. Stone-seed. *w.* May. ☼. 8—12 in. Fields.
- LOBELIA *dortmanna*, Linn. *b.* July. 2f. 18 in. Pond in Grafton.
- L. *cardinalis*, Linn. Cardinal flower. *scarlet.* July. 2f. 1—2 ft. Low, wet grounds.
- L. *syphilitica*, Linn. *b.* Aug. Sept. 2f. 2—3 ft. Swamps and ravines. Cathartic.
- L. *inflata*, Linn. *b.* July, Aug. ♂. 12—18 in. Fields and woods. Emetic, and, in small doses, narcotic.
- L. *Kalmii*, Linn. *b.* July, Aug. 2f. 6—18 in. Rocky margins of the Hudson.
- L. *Claytoniana*, Mich. *b.* July, Aug. 2f. 18—24 in. Fields.
- LONICERA *parviflora*, Lamarck. *r-y.* June, July. ♀. Twining. Rocky woods.
- L. *hirsuta?* Eaton. *y.* June. ♀. Climbing.
- LUDWIGIA *alternifolia*, Linn. *y.* July. 2f. 2—3 ft. Low grounds and swamps.
- LUPINUS *perennis*, Linn. *b. p.* May, June. 2f. 12—18 in. Sandy woods and fields.

- LUZULA pilosa*, Willd. April, May. 2f. 6 in. Woods and moist places.
- L. campestris*, De Cand. April, May. 2f. 6—12 in. Meadows and woods.
- LYCIUM barbarum*, Linn. Matrimony-vine. *r. y.* June. ½. Naturalized.
- LYCOPodium clavatum*, Linn. *g.* July. 2f. Creeping. Pine woods.
- L. complanatum*, Linn. *g-y.* July. 2f. Creeping. Woods.
- L. dendroideum*, Mich. *g.* July. 2f. 6—8 in. Woods and bushes.
- L. rupestre*, Linn. July. 2f. Mount Olympus.
- L. lucidulum*, Mich. *y.* July. 2f. 8—12 in. Low grounds and ravines.
- LYCOPUS Europæus*, Linn. *w.* July, Aug. 2f. 1—2 ft. Moist places.
- L. virginicus*, Linn. *w.* June—Aug. 2f. 1—2 ft. Swamps and wet places. Nervine tonic.
- LYSIMACHIA stricta*, Aiton. *y.* July. 2f. 1—2 ft. Low grounds.
- L. thysiflora*, Linn. *y.* June, July. 2f. 12—18 in. Sphagnous swamps and wet places.
- L. quadrifolia*, Linn. *y.* June, July. 2f. 1—2 ft. Woods. Mild astringent and tonic.
- L. ciliata*, Linn. *y.* June, July. 2f. 2—3 ft. Banks of streams and low grounds.
- MALAXIS liliifolia*, Swartz. *w-y.* June, July. 2f. 4—6 in. Damp woods.
- MALVA rotundifolia*, Linn. *w-r.* June—Oct. 2f. 8—12 in. Roadsides, cultivated and waste grounds. Fruit mucilaginous.
- M. sylvestris*, Linn. *r-p.* July, Aug. ♂. Roadsides. Naturalized.
- MARRUBIUM vulgare*, Linn. Horehound. *w.* July. 2f. 12—18 in. Roadsides. Mild tonic, diaphoretic, and, in large doses, laxative.
- MEDICAGO lupulina*, Linn. *y.* June—Aug. ☼. 1 ft. Procumbent.
- MELAMPYRUM Americanum*, Mich. *y.* June, July. ☼. 6—12 in. Woods.
- MELILOTUS officinalis*, Pursh. Yellow Melilot. *y.* July, Aug. ☼. 2—4 ft. River banks. Sweet scented.
- M. leucantha*, De Cand. White Melilot. *w.* July, Aug. ☼. 2—4 ft. River banks. Sweet scented.
- MENISPERMUM Canadense*, Linn. *y-w.* July. ½. Climbing. Islands and banks of the river. Root tonic. Berries resemble Frost Grapes.
- MENTHA Canadensis*, Linn. *w-p.* Aug. 2f. 12 in. Wet meadows.

- MENTHA borealis*, Mich. Horse Mint. *p.* July, Aug. 2f. 9—18 in.
Along streams and in wet places.
- M. piperita*, Linn. Peppermint. *p.* Aug. 2f. 1—2 ft. The different species are more or less aromatic and diaphoretic; their properties depend on volatile essential oils, which are stimulant and rubefacient.
- MENYANTHES trifoliata*, Linn. Buck Bean. *w.* May. 2f. 8—12 in.
Sphagnous swamps. Root a good tonic, and, in large doses, cathartic.
- MICROSTYLIS ophioglossoides*, Nuttall. *g.* July. 2f. 4—8 in. Shady woods.
- MIMULUS ringens*, Linn. *b-p.* July, Aug. 2f. 1—2 ft. Wet grounds.
- M. alatus*, Aiton. *b.* Aug. 2f. 2 ft. Near the junction of Champlain and Erie canals. Wet.
- MITCHELLA repens*, Linn. Partridge-berry. *w.* June. 2f. Small, creeping, and evergreen. Woods. Berries red.
- MITELLA diphylla*, Linn. *w.* Ap. May. 2f. 8—12 in. Rocky ravines.
- MOLLUGO verticillata*, Linn. *w.* July—Sept. ☼. Prostrate. Dry banks of the river and roadsides.
- MOMORDICA echinata*, Muhl. *w.* Aug. ☼. Climbing. Islands about Troy and on banks of the river, in moist situations. Fruit large, nearly oval, 1—2 in. long.
- MONARDA didyma*, Linn. *r.* June. 2f. 18—24 in.
- MONOTROPA uniflora*, Linn. Indian pipe. *w.* June. 2f. 5—8 in. Shady woods and ravines; generally in small clusters. Whole plant white and leafless.
- MORUS rubra*, Linn. Red Mulberry. May. 5. A small tree. Half a mile east of the river dam at Troy. Berries edible.
- MYRIOPHYLLUM verticillatum*, Linn. July. 2f. In a pond near Schenectady.
- NASTURTIUM palustre*, De Cand. *y.* July. ☼. 18 in. Wet.
- N. amphibium*, Brown. *y.* June, July. 2f. 1—2 ft. Wet.
- NEMOPANTHES Canadensis*, De Cand. Ap. 5. 5—10 ft. Swamps. Berries dark red.
- NEPETA cataria*, Linn. Catnip. *r-w.* June—Sept. 2f. 2—3 ft. Roadsides. Stomachic and diaphoretic.
- NICANDRA physaloides*, Persoon. *b.* July, Aug. ☼. 2—3 ft. Introduced.
- NUPHAR advena*, Aiton. Yellow Water-lily. *y.* July. 2f. In ponds. Leaves sometimes floating. Flowers large.
- N. Kalmiana*, Aiton. *y.* July. 2f. In a pond a little south of Troy. Leaves floating. Flowers smaller than the preceding.

- NYMPHÆA odorata*, Aiton. Pond Lily. *w.* June, July. 2℥. Leaves on long petioles, floating in ponds.
- NYSSA multiflora*, Walter. Pepperidge. *w.* June. ½. 20—50 ft. Low woods. Drupe dark blue.
- CENOTHERA biennis*, Linn. Scabish. *y.* June—Sept. ♂. 3—4 ft. Fields. Flowers large.
- CE. muricata*, Linn. *y.* July, Aug. ♂. 1—2 ft. Dry fields.
- CE. pumila*, Linn. *y.* 2℥. 8—15 in. Dry fields and open woods.
- ONOCLEA sensibilis*, Linn. July. 2℥. Fern 12—18 in. Moist woods.
- ONOSMODIUM hispidum*, Mich. *w.* 2℥. 1—2 ft. Dry sandy woods near Albany.
- OPHIOGLOSSUM vulgatum*, Linn. Formerly grew two miles west of Troy, along the Schenectady turnpike.
- ORCHIS spectabilis*, Linn. *r.* May. 2℥. 6 in. Shady places in clayey soil.
- ORIGANUM vulgare*, Linn. Wild Marjoram. *p.* July—Sept. 2℥. 10—18 in. Properties allied to *Mentha*.
- OROBANCHE uniflora*, Linn. *p-w.* June. 2℥. 4 in. Leafless and parasitic. Woods.
- ORYZOPSIS asperifolia*, Mich. Mountain Rice. May. 2℥. 18 in. Woods and ravines.
- OSMUNDA cinnamomea*, Linn. June. 2℥. Fern 2—5 ft. Wet grounds.
- O. regalis*, Mich. June. 2℥. Fern 3—4 ft. Wet grounds. The roots of this and of the preceding are astringent and anthelmintic.
- O. interrupta*, Mich. June. 2℥. Fern 1—2 ft. Damp grounds.
- OSTRYA virginica*, Willd. Iron-wood. May. ½. 20—40 ft. Woods.
- OXALIS acetosella*, Linn. Wood Sorrel. *w-r.* June. 2℥. 3—4 in. Flowers large. Formerly grew on a dry hill, in open woods, a little east of Troy, but we have not seen it of late.
- O. violacea*, Linn. June. 2℥. 4—6 in. Shady places. Flowers violet.
- O. stricta*, Linn. *y.* May—Aug. 4—10 in. Fields, roadsides, and open woods. Leaves of the several species acid.
- OXYCOCCUS macrocarpus*, Pursh. Cranberry. *r.* June. ½. Creeping. Sphagnous swamps. Berries scarlet, edible.
- O. vulgaris*, Pursh. *r.* June. ½. Creeping. Smaller than the preceding. Sphagnous swamps. Berries scarlet, edible.
- PANAX trifolia*, Linn. *w.* May. 2℥. 4—6 in. Shady woods.
- P. quinquefolia*, Linn. *g-w.* June. 2℥. 12—18 in. Rare. Root aromatic and demulcent.
- PANICUM crus-galli*, Linn. Cocksfoot-grass. Aug. ☼. 2—4 ft. Roadsides and in the vicinity of cultivated fields.

- Panicum clandestinum*, Linn. July, Aug. 2f. 2 ft.
P. latifolium, Linn. June, July. 2f. 1 ft. Woods.
P. nervosum, Muhl. July. 2f. 3 ft. Moist shady woods.
P. dichotomum, Linn. Aug. 2f. 8—12 in. Dry open woods.
P. nitidum, Lamarck. June, July. 2f. 6—18 in. Common in dry situations.
P. agrostoides, Muhl. Aug. 2f. 2—3 ft. River shore between Troy and Albany. Wet.
P. capillare, Linn. Aug. 2f. 12—18 in. Common in dry situations.
PAPAYER rheas, Linn. *r.* June. ☼. Naturalized.
PARNASSIA Americana, Muhl. Flowering Plantain. *y-w.* August, Sept. Swamps.
PASTINACA sativa, Linn. Parsnip. *y.* July, Aug. ♂. 2—4 ft. Fields and roadsides. Introduced.
PEDICULARIS Canadensis, Linn. *y.* or *p.* May. 2f. 6—12 in. Woods.
P. pallida, Pursh. *light y.* Sept. 2f. 1—2 ft. Damp grounds in fields.
PENTHORUM sedoides, Linn. July, Aug. 2f. 12—18 in. Damp places in meadows, roadsides, and ravines.
PENTSTEMON pubescens, Aiton. *pale p.* June. 2f. 18 in. Dry fields.
PHLEUM pratense, Linn. Timothy-grass. Herds-grass. June—Aug. 2f. 2—3 ft. Fields.
PHYRYMA leptostachya, Linn. Lopseed. *p-y.* July. 2 ft. Shady woods.
PHYSALIS obscura, Mich. *pale y.* Aug. ☼. 1 ft.
PHYTOLACCA decandra, Linn. Poke-weed. *w.* July—Sept. 2f. 3—6 ft. Roadsides and borders of fields. Berries *purple*. The roots and berries are emetic, cathartic, and somewhat narcotic.
PINUS Canadensis, Linn. Hemlock tree. May. ♀. Large tree. Rocky woods.
P. nigra, Aiton. Black Spruce. May. ♀. Middle sized tree. Swamps.
P. rigida, Linn. Pitch Pine. May. ♀. Large tree.
P. strobus, Linn. White Pine. Weymouth Pine. May. ♀. A very large tree.
P. pendula, Aiton. Hackmatack. Tamarack. May. ♀. Middle sized tree. The turpentine contained in the Pines are stimulant, diuretic, diaphoretic, expectorant, laxative; and, externally applied, rubefacient.
PIPTATHERUM nigrum, Torrey. Aug. 2f. 2—3 ft. Rocky hills and banks of ravines.
PLANTAGO major, Linn. Plantain. June—Aug. 2f. 6—12 in. Fields and roadsides.

- PLANTAGO lanceolata*, Linn. May—Sept. 2f. 6—12 in. Pastures and roadsides.
- PLATANUS occidentalis*, Linn. Button-wood. Sycamore. May. ½. A very large tree. Banks of streams. Bark of the root cathartic.
- POA annua*, Linn. Ap.—Aug. ☼. Grass 6—8 in. Fields.
- P. aquatica*, var. *Americana*, Torrey. Aug. 2f. Grass 4—5 ft. Wet meadows.
- P. pratensis*, Linn. Meadow-grass. May—July. 2f. 2—3 ft. Meadows.
- P. trivialis*? Linn. June—Aug. 2f. 2—3 ft. Meadows.
- P. compressa*, Linn. Blue-grass. June, July. 2f. 12—18 in. Fields and woods.
- P. serotina*, Ehrhart. June. 2f. 2—3 ft.
- P. nervata*, Willd. June. 2f. 3—4 ft. Wet meadows.
- P. Canadensis*, Torrey. July, Aug. 2f. 3—4 ft.
- P. capillaris*, Linn. Aug. ☼. 1 ft. Sandy fields.
- P. pectinacea*, Mich. July, Aug. ☼. 8—12 in. Sandy fields.
- P. reptans*, Mich. July, Aug. ☼. Low river banks. Creeping. 6—8 in. Probably others undetermined.
- PODOPHYLLUM peltatum*, Linn. May Apple. Wild Mandrake. *w.* May. 2f. 12—18 in. Moist situations; banks of streams, shady woods, meadows, &c. Fruit large, ovate. Root a good cathartic.
- POGONIA ophioglossoides*, Brown. *pale r.* July. 2f. 8—12 in. Sphagnum swamps.
- P. verticillata*, Nutt. June, July. 2f. 1 ft. Moist shady woods one mile west of Troy.
- POLANISIA graveolens*, Raf. *p. & y.* July. 2f. 8—12 in. Sandy places and gravelly banks of the river. Nerveine and anthelmintic. Properties depend on a volatile essential oil.
- POLYGALA paucifolia*, Willd. *p.* June. 2f. 3—4 in. Woods. Flowers large.
- P. senega*, Linn. Seneca Snake-root. *whitish.* June, July. 2f. 1 ft. Woods. Root emetic, expectorant, diuretic, and diaphoretic.
- P. verticillata*, Linn. *whitish.* July—Oct. ☼. 6—8 in. Open woods and fields.
- POLYGONUM aviculare*, Linn. Knot-grass. May—Sept. 2f. Procumbent. Waste places, roadsides. Diuretic.
- P. erectum*, Muhl. Aug. 2f. 1—2 ft. Roadsides and vicinity of cultivated grounds.
- P. tenue*, Mich. *w.* July. ☼. 6—10 in. Rocky situations.
- P. lapathifolium*? Linn. *r.w.* Aug. Sept. ☼. 2—3 ft.

- POLYGONUM *punctatum*, Elliott. Water Pepper. *w.* Aug. Sept. ☼.
1—2 ft. Inundated grounds. Very acrid.
- P. mite*, Persoon. *w.* or *pale r.* July, Aug. ☼. 18 in. Wet places.
- P. Virginianum*, Linn. *w.* July, Aug. 2f. 2—4 ft. Shady woods.
- P. persicaria*, Linn. *r.* July, Aug. ☼. 1—1½ ft. Low grounds.
Acrid, diuretic.
- P. Pennsylvanicum*, Linn. *r.* July—Sept. ☼. 2—4 ft. Along
ditches and low grounds.
- P. amphibium*, Linn. *r.* Aug. Sept. 2f. Low and wet grounds.
- P. coccineum*, Willd. *r.* Aug. 2f. Creeping along the muddy banks
of an island in the Hudson, above Troy, from 6—12 ft. Float-
ing in a pond near Schenectady.
- P. articulatum*, Linn. *r-w.* Sept. ☼. 9—15 in. Sandy situations ;
woods 3 or 4 miles west of Albany.
- P. sagittatum*, Linn. *w.* July, Aug. ☼. Prostrate. Wet grounds.
- P. arifolium*, Linn. *pale r.* Aug. Sept. ☼. Prostrate or climbing.
Wet grounds.
- P. Convolvulus*, Linn. July—Sept. ☼. Climbing.
- P. scandens*, Linn. *w.* or *reddish.* July, Aug. ☼. Climbing. Sha-
dy places.
- P. fagopyrum*, Linn. Buckwheat. *r-w.* July, Aug. 1—2 ft. Fields.
Introduced.
- P. orientale*, Linn. Prince's Feather. *r.* July, Aug. ☼. 4—6 ft.
Introduced.
- POLYPODIUM *vulgare*, Linn. July. 2f. Fern 6—10 in. Rocky
woods and banks of ravines. Anthelmintic.
- P. hexagonopterum*, Mich. July. 2f. Fern 12 in. Shady woods.
- PONTERDERIA *cordata*, Linn. Pickerel-weed. *b.* July, Aug. 2f. 1—
2 ft. Ponds.
- POPULUS *tremuloides*, Mich. White Poplar. American Aspen. April.
♂. Tree 20—30 ft. Woods. Bark tonic.
- P. grandidentata*, Mich. Ap. ♂. Tree 40—50 ft. Woods.
- P. laevigata*, Aiton.
- P. monilifera*, Aiton. Ap. ♂. Tree 70—80 ft. River banks.
- P. dilatata*, Aiton. Lombardy Poplar. Italian Poplar. Ap. ♂. Cul-
tivated. Bark tonic.
- PORTULACCA *oleracea*, Linn. Purslane. *y.* May—Aug. ☼. Stem
and leaves succulent. In cultivated fields, door yards, &c.
- POTAMOGETON *natans*, Linn. Pond-weed. *g.* July, Aug. 2f. Water.
Upper leaves floating.
- P. fluitans*, Linn. *g.* July, Aug. 2f. River. Upper leaves floating.

POTAMOGETON *heterophyllum*, Schreber. *g.* July, Aug. 2 $\frac{1}{2}$. River.

Upper leaves floating.

P. diversifolium, Barton. *g.* July. 2 $\frac{1}{2}$. River. Upper leaves floating.

P. perfoliatum, Linn. *g.* July, Aug. 2 $\frac{1}{2}$. Hudson river.

P. lucens, Linn. *g.* July, Aug. 2 $\frac{1}{2}$. River.

P. crispum, Linn. *r-g.* July. 2 $\frac{1}{2}$. Mohawk river.

P. pectinatum, Linn. *g.* July. 2 $\frac{1}{2}$. River.

P. gramineum, Mich. *g.* July, Aug. 2 $\frac{1}{2}$. River.

P. compressum, Linn. *g.* July, Aug. 2 $\frac{1}{2}$. Water.

POTENTILLA *Norvegica*, Linn. Norway Cinquefoil. *y.* June—Aug.

☼. 8—18 in. Fields.

P. Canadensis, Linn. Five-finger. *y.* May. 2 $\frac{1}{2}$. Procumbent. 2—18 in. Fields and woods. Root tonic and astringent.

P. argentea, Linn. *y.* June—Sept. 2 $\frac{1}{2}$. Ascending. 4—10 in. Fields and roadsides.

P. anserina, Linn. *y.* June—Oct. 2 $\frac{1}{2}$. Prostrate, creeping. Shores of the Hudson. Somewhat astringent.

P. Comarum, De Cand. Marsh Cinquefoil. *p.* June. 2 $\frac{1}{2}$. 12—18 in. Sphagnous swamps. Flowers large. Root astringent. COMARUM *palustre*, Linn.

P. arguta, Pursh. *pale y.* June. 2 $\frac{1}{2}$. Rocky and stony hills. BOOTIA *sylvestris*, Bigelow.

PRENANTHES *alba*, Linn. *y-w.* Aug. 2 $\frac{1}{2}$. 2—4 ft. Woods. Deobstruent and somewhat narcotic.

P. altissima, Linn. *yellowish.* Aug. 2 $\frac{1}{2}$. 4—6 ft. Woods.

P. cordata, Willd. *yellowish.* Aug. 2 $\frac{1}{2}$.

PRINOS *verticillatus*, Linn. Winter Berry. *w.* June. $\frac{1}{2}$. 6—8 ft. Swamps. Berries bright scarlet; adhering in the winter. Bark tonic.

P. ambiguus, Mich.? *w.* $\frac{1}{2}$. Shrub. Wet.

PROSERPINACA *palustris*, Linn. Mermaid-weed. July, Aug. 2 $\frac{1}{2}$. Swamp 3 miles west of Albany.

PRUNELLA *vulgaris*, Linn. Heal-all. *p.* June—Aug. 2 $\frac{1}{2}$. 6—12 in. Fields, meadows, &c.

PRUNUS *Virginiana*, Linn. Wild Cherry. *w.* May. $\frac{1}{2}$. Large tree. Fruit purplish black. Bark tonic and narcotic.

P. serotina, Willd. *w.* June. $\frac{1}{2}$. Berries astringent.

P. Pennsylvanica, Aiton. *w.* May. $\frac{1}{2}$. 8—15 ft.

P. Americana, Marshall. *w.* May. $\frac{1}{2}$.

P. pumila? Linn. *w.* May. $\frac{1}{2}$. Low shrub.

P. pygmaea? Willd. *w.* $\frac{1}{2}$. Shrub. 2—3 ft. Fruit black, size of a large pea. Green Island.

- PRUNUS depressa*, Pursh. May. ♀.
- PTERIS aqualina?* Linn. July. 2f. Fern 2 ft. high. Woods. Anthelmintic.
- P. atropurpurea*, Linn. July. 2f. Fern 6—10 in. Rocks.
- PTEROSPORA Andromeda*, Nutt. July. ☼. 18—24 in. Leafless.
Plant yellowish brown or purple. Woods west of Troy.
- PYCNANTHEMUM incanum*, Mich. Wild Basil. *w-r.* 2f. July—Sept.
2 ft. Hills south east of Lansingburgh, in woods.
- P. linifolium*, Pursh. *w.* July, Aug.
- P. aristatum?* Mich. The different species are aromatic, diaphoretic, and stomachic; allied to *Mentha*.
- PYROLA rotundifolia*, Linn. *w.* July. 2f. 6—12 in. Woods.
- P. elliptica*, Nutt. *w.* July. 2f. 6—10 in. Woods.
- P. asarifolia*, Mich. *g-w.* July. 2f. 6—8 in. Dry woods.
- P. secunda*, Linn. *g-w.* July. 2f. 3—6 in. Woods.
- P. uniflora*, Linn. *w.* July. 2f. 2—3 in. In damp woods, on the margin of a pond, 4 miles north east of Troy. Rare.
- PYRUS coronaria*, Linn. Crab Apple. *w-r.* May. ♀. Tree 15—20 ft.
- QUERCUS tinctoria*, Bartram. Quercitron Oak. May. ♀. 60—70 ft.
Woods. Bark used for dyeing yellow.
- Q. rubra*, Linn. Red Oak. May. ♀. Large tree. Woods.
- Q. palustris*, Mich. Pin Oak. May. ♀. 40—60 ft. Swampy grounds.
- Q. Bannisteri*, Mich. Shrub or Scrub Oak. May. ♀. 4—8 ft. Dry hills and barrens; acorns abundant.
- Q. alba*, Linn. White Oak. May. 2f. Large tree. Woods.
- Q. Chinquapin*, Mich. Dwarf Chestnut Oak. May. ♀. Shrub 3—4 ft. Acorns abundant. Barren situations.
- Q. montana*, Willd. Rock Oak. Chestnut Oak. May. ♀. 30—40 ft. Rocky situations.
- Q. bicolor*, Willd. Swamp White Oak. May. ♀. Large tree. Low grounds and swamps.
- Q. discolor?* Aiton. Probably others undetermined. Bark of the different species astringent.
- QUERIA Canadensis*, Linn. Fork Chickweed. *w.* July, Aug. ☼. 6—12 in. Dry situations, banks of ravines, &c. Slender and branching.
- RANUNCULUS flammula*, Linn. Small Spear-wort. *y.* July. 2f. 12—18 in. Wet.
- R. reptans*, Linn. *y.* July, Aug. 2f. Small, creeping.
- R. abortivus*, Linn. *y.* July, Aug. 2f. 12—16 in. Damp situations.
- R. sceleratus*, Linn. Celery Crowfoot. *y.* June—Aug. 2f. 12—18 in. Wet.

- RANUNCULUS fascicularis*, Muhl. *y.* Ap. May. 24. 6—10 in. Woods.
R. Pennsylvanicus, Linn. *y.* July, Aug. 24. 18 in. Flowers middle-sized. Meadows, &c.
R. bulbosus? Linn.
R. repens, Linn. *y.* June—Sept. 24. Schenectady. Main stems prostrate, flowering ones erect. 1—2 ft. high. Wet.
R. acris, Linn. Crowfoot. Buttercup. *y.* June—Aug. 24. 1—3 ft. Meadows and fields.
R. recurvatus, Pursh. *y.* June—Aug. 24. 12—15 in. Shady woods.
R. fluvialis, Willd. *w.* or *w-y.* July. In water, Schenectady.
R. lacustris, Beck & Tracy. Lake Crowfoot. *y.* June. 24. In stagnant water. Most of the species are, when fresh, acrid, stimulant, and vesicatory.
RAPHANUS raphanistrum, Linn. Wild Radish. *y.* July. ☼.
RENSSELAERIA virginica, Beck. July. 24. 1 ft. Sphagnous swamps.
LECONTIA virginica, Cooper.
RHUS typhina, Linn. Stag's Horn. *g-y.* June. 5. 8—15 ft. Rocky situations.
R. glabra, Linn. Sumach. *g-y.* July. 5. 8—10 ft. Old fields.
R. copallina, Linn. *y-g.* July. 5. 4—8 ft. Dry bushy fields. The leaves and bark of this and of the two preceding species, are astringent; berries acid and astringent.
R. vernix, Linn. Poison Ash. *g.* July. 5. 6—12 ft. Margin of a pond 5 miles east of Troy.
R. toxicodendron, Linn. *g.* June. 5. 2—5 ft. Shady situations. This and the *R. vernix*, when handled, produce on some persons an eruption of the skin, attended by fever; on others no effect. The smoke from the plants, while burning, will produce the eruption in a few hours.
R. aromatica, Aiton. *y.* May. 5. 2—6 ft. Barren rocky soil on the south side of the Mohawk, between the Cohoes Falls and bridge.
RHYNCHOSPORA alba, Vahl. July. 24. 12—18 in. Sphagnous swamps.
RIBES floridum, Willd. Wild Black Currant. *w-y.* May. 5. 2—3 ft. Woods and copses.
R. gracile, Mich. May. 5. 2—3 ft. Rocky banks of ravines.
R. triflorum, Willd. Wild Gooseberry. May. 5. 3—4 ft.
R. lacustre? Pursh.
ROBINIA Pseud-Acacia, Linn. Locust-tree. *w.* May. 5. Large tree. Near cultivated grounds.

- ROCHELLIA *lappula*, Rœmur & Schultes. *b.* July. ☼. 1 ft. Road-sides and waste grounds.
- R. *Virginiana*, Rœmur & Schultes. *w-b.* June. ♂. 2 ft. Dry situations.
- ROSA *parviflora*, Ehrhart. Wild Rose. *r.* July. ♀. 2—3 ft. Woods and fields.
- R. *rubiginosa*, Linn. Sweet Briar. *pale r.* ♀.
- R. *Carolina*, Linn. Swamp Rose. *r.* July. ♀. 3—8 ft. Shady swamps.
- RUBUS *villosus*, Aiton. High Black-berry. *w.* June. ♀. 4—6 ft. Fields and fences.
- R. *strigosus*, Mich. Red Raspberry. *w.* June. ♀. 3—5 ft. Rocky hills and banks of ravines.
- R. *occidentalis*, Linn. Black Raspberry. *g-w.* June, July. ♀. 4—5 ft. Bushy fields, and along fences and banks of ravines.
- R. *trivialis*, Mich. Dewberry. Creeping Blackberry. *w.* June. ♀. Procumbent. Dry fields.
- R. *odcratus*, Linn. Flowering Raspberry. *r.* June. ♀. 3—6 ft. Rocky banks of ravines. Flowers large.
- R. *saxatilis*, Linn. *w.* June, July. 2f. Creeping. The roots of the several species are more or less astringent and a little tonic; those of *R. villosus*, and *R. trivialis*, are most used in medicine.
- RUDBECKIA *laciniata*, Linn. Cone-flower. *y.* Aug. Sept. 2f. 4—6 ft. Damp.
- RUMEX *sanguineus*, Linn. Bloody Dock. July. 2f. 2—3 ft. Road-sides.
- R. *crispus*, Linn. Dock. July. 2f. 2—3 ft. Fields.
- R. *Brittanicus*, Linn. July. 2f. 2—3 ft. Wet meadows and swampy ground. Roots of this and of the preceding species, astringent and somewhat tonic; the *R. crispus*, is laxative and analagous to Rhubarb.
- R. *acetosella*, Linn. Sorrel. June, July. 2f. 6—12 in. Dry fields. Leaves acid and diuretic.
- SAGINA *procumbens*, Linn. Pearl-wort. *w.* July. 2f. Very small. Wet rocks near the margin of the Hudson, a little north of Troy.
- SAGITTARIA *sagittifolia*, Willd. Arrow-head. *w.* July, Aug. 2f. 12—18 in. Wet situations, ponds, &c.
- S. *hastata*, Pursh. *w.* July, Aug. 2f. 12 in. Wet.
- S. *heterophylla*, Pursh. *w.* Aug. 2f. 8—12 in. Wet.
- S. *pusilla*, Nutt. Aug. 2f. 1—3 in. Wet.
- SALIX *viminialis*, Linn. Basket Willow. Ap. ♀.

- SALIX Muhlenbergiana*, Willd. Speckled Willow. Ap. 5. 3--5 ft.
Dry woods.
- S. obovata*, Pursh. 5.
- S. Lambertiana*, Willd. Ap. 5.
- S. rosmarinifolia*, Linn. Rosemary Willow. Ap. 5. 1--3 ft.
- S. conifera*, Willd. Ap. 5.
- S. prinoides*, Pursh. Ap. 5.
- S. angustata*, Pursh. Ap. 5.
- S. longifolia?* Willd. Long-leaf Willow. 5.
- S. falcata*, Pursh. 5.
- S. nigra*, Willd. May. 5. 20 ft. Green Island.
- S. lucida*, Muhl. May. 5.
- S. cordata?* Muhl.
- S. vittellina*, Linn. Yellow Willow. May. 5. Middle-sized tree.
Introduced. The bark of the different species of *S.* more or less tonic and astringent. Others undetermined.
- SAMBUCUS Canadensis*, Linn. Black-berried Elder. *w.* June. 5. 5—10 ft. Damp grounds, meadows, &c. Inner bark hydragogue cathartic. Berries dark purple.
- S. pubescens*, Persoon. *w.* May. 5. 6—8 ft. Berries red.
- SAMOLUS valerandi*, Linn. Water Pimpernel. Aug. Sept. 24. 8—12 in. Wet.
- SANGUINARIA Canadensis*, Linn. Blood-root. *w.* April, May. 24. 6—10 in. Shady places, woods, banks of rivers, &c. Root deobstruent, narcotic, emetic, expectorant, and escharotic.
- SANGUISORBA Canadensis*, Linn. Burnet Saxifrage. *w.* Aug.—Oct. 24. 2—4 ft. Swamp north of Waterford.
- SANICULA Marylandica*, Linn. *g-w.* June—Aug. 24. 2 ft. Woods.
Root stomachic and diaphoretic.
- SAPONARIA officinalis*, Linn. Soap-wort. Bouncing-bet. *w.* July—Sept. 24. 12—18 in. Roadsides. Introduced. Diaphoretic.
- SARRACENIA purpurea*, Linn. Side-saddle Flower. *p.* June, July. 24. 1—2 ft. Sphagnous swamps. Flower large.
- SAXIFRAGA Virginiensis*, Mich. Rock Saxifrage. *w.* Ap. May. 24. 4—12 in. Rocky hills, rocky banks of ravines, &c.
- S. Pennsylvanica*, Linn. Water Saxifrage. *y-g.* May, June. 24. 2—4 ft. Wet ground 4 miles east of Troy. Root astringent.
- SCHEUCHZERIA palustris*, Linn. *g-w.* May, June. 24. 8—12 in. Sphagnous swamps.
- SCHOLLERA graminea*, Vahl. *y.* July, Aug. 24. 6—18 in. Rivers.
- SCIRPUS tenuis*, Willd. June, July. 24. 8—12 in. Swamps.

- SCIRPUS planifolius*, Muhl. June. 2f. 6—8 in. Damp.
S. acicularis, Linn. June, July. 2f. 2—6 in. Swampy grounds.
S. Americanus, Persoon. July. 2f. 2—3 ft. West shore of Green Island.
S. lacustris, Linn. June. 2f. 4—6 ft. Marshes and wet grounds.
S. debilis? Muhl.
S. brunneus, Muhl. Aug. 2f. 2—3 ft. Wet.
S. macrostachyus, Muhl. Aug. 2f. 3—4 ft. Marsh near Schenectady.
S. Eriophorum, Mich. July, Aug. 2f. 4—5 ft. Wet grounds.
S. lineatus, Mich. Aug. 2f. 2—3 ft. Wet grounds.
S. autumnalis, Linn. Aug. Sept. 2f. 8—12 in. Low grounds.
SCLERANTHUS annuus, Linn. Knapel. g. July. ☼. Small, procumbent. Dry fields and barren soil.
SCLERIA triglomerata, Mich. Whip-grass. June. 2f. Damp ground 1 mile west of Troy.
SCROPHULARIA Marylandica, Linn. Fig-wort. g-brown. July. 2f. 3—4 ft. Low grounds. Deobstruent.
S. lanceolata, Pursh. 2f. 2—3 ft.
SCUTELLARIA lateriflora, Linn. Scull-cap. b. July, Aug. 2f. 10—18 in. Damp situations; meadows, ravines, &c.
S. galericulata, Linn. b. Aug. 2f. 8—16 in. Low grounds.
SENECIO vulgaris, Linn. Groundsel. y. June—Oct. 2f. 12—20 in. Introduced. Emetic and cathartic.
S. hieracifolius, Linn. w. July, Aug. ☼. 2—5 ft. Recently cleared ground, roadsides, &c.
S. obovatus, Willd. y. May, June. 2f. 1 ft. Green Island, near the river dam.
S. aureus, Linn. False Valerian. y. May—July. 2f. 18—24 in. Shady rocky situations, wet meadows, &c. Root an excellent nervine.
SERPICULA Canadensis, Muhl. Ditch Moss. w. July, Aug. 2f. River, below the surface. Flowers minute.
SETARIA glauca, P. de B. July, Aug. ☼. Grass 2 ft. Cultivated grounds, roadsides, &c.
SICYOS angulata, Linn. Single-seeded Cucumber. whitish & g. July, Aug. ☼. Climbing. River alluvion.
SIDA abutilon, Linn. Indian Mallows. y. July, Aug. ☼. 3—5 ft. Waste grounds.
SILENE Pennsylvanica, Mich. p. June. 2f. 6—12 in. Anthelmintic.
S. antirrhina, Linn. w-p. June. 2f. 1—2 ft. Dry situations.

- SINAPIS nigra*, Linn. Common Mustard. *y.* June, July. ☼. 2—4 ft. Fields, waste places, &c. Powdered seeds stimulant, rubefacient and vesicatory; unbruised ones aperient. Large doses of the powder emetic.
- SISYMBRIUM officinale*, De Cand. Hedge Mustard. *y.* June—Sept. ☼. 1—2 ft. Roadsides.
- SISYRINCHIUM anceps*, Cavanilles. Blue-eyed Grass. *b.* June. 2f. Meadows.
- Sium latifolium*, Linn. Water Parsnip. *w.* July, Aug. 2f. 2—3 ft. Swamps.
- SMILAX rotundifolia*, Linn. Green Briar. *w-g.* June. 2f. Climbing.
- S. peduncularis*, Muhl. *greenish.* June. 2f. 3—5 ft. Climbing. Meadows and low grounds. Flowers fetid.
- SOLANUM dulcamara*, Linn. Bitter-sweet. *p-b.* July, Aug. 5. Climbing. Berries red. Deobstruent, narcotic, diuretic, and aperient.
- S. nigrum*, Linn. Common Night-shade. *w.* July, Aug. ☼. 1—2 ft. Old fields, &c.
- SOLIDAGO Canadensis*, Linn. Golden Rod. *y.* Aug. Sept. 2f. 2—5 ft. Fields.
- S. gigantea*, Aiton. *y.* Aug. Sept. 2f.
- S. altissima*, Linn. *y.* Aug. Sept. 2f. 3—6 ft. Fields and woods.
- S. nemoralis*, Aiton. *y.* Aug.—Oct. 2f. 1—2 ft. Woods and fields.
- S. recurvata*, Willd. *y.*
- S. bicolor*, Linn. *whitish.* Aug.—Oct. 2f. 1—2 ft. Dry situations.
- S. squarrosa*, Muhl. *y.* Sept. 2f. 2—5 ft. Dry. Green Island.
- S. lanceolata*, Aiton. *y.* Sept. Oct. 2f. 2—3 ft. Fields and meadows.
- S. latifolia*, Muhl. *y.* Aug.—Oct. 2f. 2—3 ft.
- S. axillaris*, Pursh. *y.* Aug.—Oct. 2f. 2—3 ft. Woods.
- S. vigaurea*, Linn. *y.* Aug.—Oct. 2f. 2—3 ft. Rocky hills east of Lansingburgh and Troy. Others undetermined.
- SONCHUS oleracius*, Linn. var. *aspera.* Sow Thistle. *y.* July—Sept. ☼. 2—4 ft. Waste grounds.
- SPARGANIUM ramosum*, Smith. Burr Reed. *w.* July, Aug. 2f. 2 ft. Stagnant waters.
- S. Americanum*, Nutt. *w.* Aug. 2f. 1 ft. In stagnant water $1\frac{1}{2}$ mile northeast of Troy.
- SPARTINA cynosuroides*, Willd. Marsh-grass. July, Aug. 2f. 4—8 ft. Banks of Green Island.
- SPERGULA arvensis*, Linn. Corn Spurrey. *w.* June—Aug. ☼. 1 ft. Sandy fields.

- SPIRÆA salicifolia*, Linn. *w.* July. ♀. 2—4 ft. Meadows, margin of swamps, &c.
- S. tomentosa*, Linn. Hard-hack. *pale r.* ♀. 2—3 ft. Low grounds. Tonic and astringent.
- S. opulifolia*, Linn. Nine-bark. June, July. ♀. Properties like the preceding.
- SPIRANTHES tortilis*, Richard. *w.* July. 2℥. 1 ft. Low grounds, wet meadows. *NEOTTIA tortilis*, Swartz.
- S. gracilis*, Beck. Ladies' Tresses. *w.* July. 2℥. 8—12 in. Dry woods. The leaves sometimes fall before flowering time. *NEOTTIA gracilis*, Big.
- S. cernua*, Richard. *g-w.* July, Aug. 2℥. 6—18 in. Moist grounds. *NEOTTIA cernua*, Willd.
- STACHYS aspera*, Mich. Hedge Nettle. *p.* July. 2℥. 12—18 in. Fields and meadows.
- S. hyssopifolia*, Mich. *p.* July. 2℥. 6—12 in. A few miles east of Albany. Beck.
- STAPHYLEA trifolia*, Linn. Bladder-nut. *y-w.* May, June. ♀. 6—10 ft.
- STELLARIA media*, Smith. Chick-weed. *w.* March—Nov. ☼. Small, procumbent. Ravines, roadsides, gardens, &c.
- S. longifolia*, Muhl. *w.* June. 2℥. 1 ft. Wet places. *MICROPETALUM gramineum*, Persoon.
- STRUTHIOPTERIS germanica*? Willd.
- TANACETUM vulgare*, Linn. Tansey. *y.* Aug. Sept. 2℥. 2—4 ft. Naturalized. Aromatic, tonic, nervine, anthelmintic, and emmenagogue.
- TAXUS Canadensis*, Willd. Yew. Ap. ♀. Shrub 3—6 ft. Hill 1 mile southeast of Lansingburgh.
- TEPHROSIA Virginiana*, Persoon. Goat's Rue. July. 2℥. 1 ft. Dry. Green Island. *GALEGA Virginiana*, Linn.
- TEUCRIUM Canadense* var. *virginicum*, Aug. 2℥. 12—18 in. Islands, damp.
- THALICTRUM dioicum*, Linn. *w.* May. 2℥. 1—2 ft. Banks of streams.
- T. revolutum*, De Cand. July. 2℥. 2—4 ft.
- T. corynellum*, De Cand.
- THESIUM umbellatum*, Linn. False Toad Flax. *w. & g.* June, July. 2℥. 8—12 in. Dry hills in woods.
- THLASPI bursa-pastoris*, Linn. Shepherd's Purse. *w.* Ap.—Oct. ☼. 6—12 in. Cultivated grounds, roadsides, &c.
- THUYA occidentalis*, Linn. American Arbor Vitæ. May. ♀. Small

tree. Rocks near the Cohoes Falls. Properties similar to those of the Pines.

TIARELLA *cordifolia*, Linn. Mitre-wort. *w.* May. 2f. 8—10 in.
Damp shady situations.

TILIA *glabra*, Ventenat. Bass-wood. June. 5. Large tree. Woods and river banks. Leaves mucilaginous; flowers laxative.

TRADESCANTIA *virginica*, Linn. Spider-wort. *p.* or *b.* May. 2f. 1 ft.

TRICHODIUM *laxiflorum*, Mich. May, June. 2f. 18 in. Dry fields and roadsides.

T. *scabrum*, Muhl. Aug. Sept. 2f. 1—2 ft. Dry woods and fields.

TRICHOSTEMA *dichotoma*, Linn. Blue Curls. *b.* July, Aug. 6—10 in. Dry sandy or gravelly soil. Aromatic, diaphoretic.

TRIENTALIS *Americana*, Pursh. *w.* May, June. 2f. 4—6 in. Ravines.

TRIFOLIUM *repens*, Linn. White Clover.

T. *pratense*, Linn. Red Clover.

T. *agrarium*, Linn. *bright y.* June, July. 1 ft. Half a mile east of Troy, in a field, near the margin of woods. Rare.

T. *arvense*, Linn. Hare's-foot Clover. July—Sept. 6—10 in. Dry pastures and barren fields.

TRILLIUM *erythrocarpum*, Mich. *w.* & *p.* May, June. 2f. 6—10 in. Shady damp woods, in the vicinity of the ponds 5 miles east of Troy.

T. *cernuum*, Linn. *w.* May, June. 2f. 1 ft. Shady woods and low meadows.

T. *erectum*, Linn. False Wake Robin. *p.* sometimes *w.* May. 2f. 12—15 in. Ravines.

T. *grandiflorum*, Salisbury. *w.* May. 2f. 1 ft. Pittstown, Hoosick. Fresh roots of the different species acrid, dried ones astringent.

TRIOSTEUM *perfoliatum*, Linn. Fever-root. Horse Genseng. *p.* June. 2f. 2—3 ft. Woods and shady places. Root cathartic, and, in large doses, emetic.

TRIPHORA *pendula*, Nutt. *pale p.* Aug. 2f. 4—6 in. Shady woods. Rare.

TUSSILAGO *farfara*, Linn. Colt's-foot. *y.* April. 2f. 3—6 in. Clayey hillsides on the east side of the Hudson, between Troy and Albany. Flowers appear before the leaves. Demulcent.

TYPHA *latifolia*, Linn. Cat-tail. July. 2f. 4—6 ft. Marshes and ponds.

ULMUS *Americana*, Linn. White Elm. Ap. May. 5. Large tree. Bark mucilaginous, demulcent.

- ULMUS *fulva*, Mich. Slippery Elm. May. ♀. Middle-sized tree. Woods. Bark very mucilaginous, demulcent.
- URASPERMUM *Claytoni*, Nutt. Sweet Cicily. June. 2℥. 2 ft. Rich soil in woods. Root stomachic.
- U. *hirsutum*, Big. v. June. 2℥. 2 ft.
- URTICA *dioica*, Linn. Common Nettle. g. July, Aug. 2℥. 2—3 ft. Roadsides, waste grounds. Stinging.
- U. *pumila*, Linn. Rich-weed. g. July, Aug. ☼. 8—12 in. Damp grounds, ravines and woods.
- U. *urens*, Linn. Dwarf Stinger. July. ☼. 1 ft. Stinging. Introduced.
- U. *Canadensis*, Linn. Canadian Nettle. July, Aug. 2℥. 3—5 ft. Damp shady places on islands, meadows, and river banks. Stinging.
- UTRICULARIA *vulgaris*, Linn. y. June, July. 2℥. Floating in a marsh 1½ mile northeast of Troy. U. *macrorhiza*, Le Conte.
- U. *gibba*, Gronovius. y. July, Aug. 2℥. 2—3 in. Bog on the margin of a pond 3 miles east of Albany.
- U. *cornuta*, Mich. y. July, Aug. 2℥. 10 in. Bogs around ponds.
- UVULARIA *perfoliata*, Linn. Bell-wort. pale y. May, June. 2℥. 8—12 in. Woods.
- U. *grandiflora*, Smith. y. May, June. 2℥. 10—18 in. Woods.
- U. *sessilifolia*, Linn. pale y. May, June. 2℥. 8—12 in. Shady woods.
- VACCINIUM *stamineum*, Linn. Deer-berry. w. May, June. ♀. Shrub 1—2 ft. Dry woods. Berries large, greenish.
- V. *resinosum*, Aiton. Black Whortle-berry. g-r. May, June. ♀. Shrub 2—4 ft. Woods and hills. Berries black, sweet.
- V. *corymbosum*, Linn. High Whortle-berry. Black Bilberry. r-w. May, June. ♀. Shrub 4—8 ft. Berries large, black, somewhat acid and sweet. Swamps.
- V. *Pennsylvanicum*, Lamarck. Blue Whortle-berry. pale r. May, June. ♀. Shrub 12—18 in. Dry woody hills. Berries blue, sweet.
- VALLISNERIA *spiralis* var. *Americana*, Torrey. July, Aug. 2℥. Hudson river. Pistillate flowers minute, white, on long filiform and spiral peduncles, floating on the surface of the water; staminate ones under water, near the root.
- VERATRUM *viride*, Aiton. Poke-root. American Hellebore. g. June. 2℥. 3—5 ft. Swamps and meadows. Root acrid, narcotic, emetic, cathartic, diuretic, errhine; externally applied, in the form of ointment, for some cutaneous affections. Poisonous.

- VERBASCUM *thapsus*, Linn. Mullein. *y.* June—Aug. ♂. 3—6 ft. Roadsides, dry fields, &c. Leaves somewhat demulcent and anodyne.
- V. *blattaria*, Linn. Moth Mullein. Sleek Mullein. *y.* or *w.* June—Aug. ♂. 2—3 ft. Roadsides.
- VERBENA *hastata*, Linn. Vervain. *dark p.* July—Sept. 2f. 3—4 ft. Low grounds, meadows, roadsides, &c.
- V. *urticifolia*, Linn. Nettle-leaved Vervain. *w.* July, Aug. 2f. 2—3 ft. Roadsides, &c.
- V. ———? Side-walks in Schenectady.
- VERONICA *officinalis*, Linn. Common Speedwell. *b.* May—July. 2f. Procumbent. 6—12 in. long. Dry woods and pastures.
- V. *serpyllifolia*, Linn. *pale b.* May—Aug. 2f. Prostrate. 2—6 in. long. Pastures and roadsides.
- V. *anagallis*, Linn. Water Speedwell. *b.* June—Aug. 2f. 12—18 in. Wet places, ditches, &c.
- V. *beccabunga*? Linn. June, July. Ditches, &c.
- V. *scutellata*, Linn. Scull-cap Speedwell. June—Aug. 2f. 6—12 in. Wet places.
- V. *arvensis*, Linn. Small Speedwell. *pale b.* May, June. ☼. 3—5 in. Fields.
- V. *peregrina*, Linn. *w.* or *pale b.* May—July. ☼. 4—8 in. Damp.
- VIBURNUM *pyrifolium*? Lamarck. *w.* May, June. ♀. Shrub. In marshy ground 5 miles east of Troy.
- V. *lentago*, Linn. *w.* June. ♀. 10—15 ft. Damp or shady situations.
- V. *dentatum*, Linn. Arrow-wood. *w.* June. ♀. Shrub 8 ft. Damp and shady places.
- V. *lantanoides*, Mich. Hobble-bush. *w.* May. Shrub 4—8 ft. long. Root tonic.
- V. *pubescens*, Pursh. *w.* June. ♀. Shrub 3—6 ft. Dry bushy pastures.
- V. *acerifolium*, Linn. Maple Viburnum. *w.* June, July. ♀. Shrub 3—6 ft. Fruit black. Dry woods and banks of ravines.
- V. *Oxycoccus*, Pursh. High Cranberry. *w.* May, June. ♀. Shrub 5—8 ft. Low woods, rare. Fruit large, red; very acid and somewhat bitter.
- VICIA *sativa*, Linn. Common Vetch. *b.p.* June. ☼. 1—2 ft. Fields.
- VILLARSIA *lacunosa*, Ventenat. *w.* July. 2f. Stem long, filiform; leaves and flowers floating. Sandlake.

- VIOLA cucullata*, Aiton. Hood-leaved Violet. *b.* Ap. May. 2f. 4—8 in. Meadows, banks of streams, damp woods, &c.
- V. palmata*, Linn. Hand-leaved Violet. *p-b.* May. 2f. 3—6 in. Low grounds and woods.
- V. sagittata*? Aiton.
- V. ovata*, Nutt. Spade-leaved Violet. *p.* Ap. May. 2f. 2—4 in. Dry soil, hills and pastures. Mucilaginous.
- V. blanda*, Willd. *w.* striped with *p.* Ap. May. 2f. 2—4 in. Wet situations. Flowers small, odorous.
- V. lanceolata*, Linn. *w.* striped with *p.* Ap. May. 2f. 2—4 in. Swamp a mile west of Albany. Flowers like those of the preceding one.
- V. rotundifolia*, Mich. *y.* May. 2f. 1—3 in.
- V. Canadensis*, Linn. June, July. 2f.
- V. rostrata*, Muhl. *pale b.* Ap. May. 2f. 4—8 in. Wet rocky places.
- V. Muhlenbergiana*, De Cand. *b.* May. 2f. 6 in. Swampy ground.
- V. pubescens*, Aiton. *y.* May. 2f. 4—10 in. Woods.
- VITIS labrusca*, Linn. Fox Grape. *greenish.* June, July. *h.* Climbing on trees, in woods.
- V. vulpina*, Linn. Frost Grape. June. *h.*
- V. æstivalis*, Mich. Summer Grape.
- V. riparia*, Mich. *g-w.* May, June. *h.* River banks. Flowers odorous.
- WOODSIA ilvensis*, June. 2f. Fern 2—4 in. On rocks.
- XANTHUM strumarium*, Linn. Clott-burr. Aug. ☼. 1—2 ft. Islands.
- XYLOSTEUM ciliatum*, Pursh. Fly Honeysuckle. Twin-berry. *y-w.* Ap. May. *h.* Shrub 3—4 ft. Banks of ravines. *LONICERA ciliata*, Muhl.
- XYRIS Caroliniana*. Yellow-eyed Grass. *y.* July, Aug. 2f. 1 ft. Sphagnous swamps.
- ZANTHOXYLUM fraxineum*, Willd. Prickly Ash. Ap. May. *h.* Shrub 4—6 ft. Low grounds. Bark pungent, stimulant, diaphoretic, and sialagogue.
- ZIZANIA aquatica*, Lambert. Wild Rice. Water Oats. Aug. 2f. 4—8 ft. Marsh on the margin of a pond near Schenectady.
- ZIZIA aurea*, Koch. *y.* June. 2f. *SMYRNIUM aureum*, Linn.
- Z. cordata*, Koch. *y.* June. 2f. 12—18 in. Meadows. *SMYRNIUM cordatum*, Walter.
- Z. integerrima*, De Cand. *y.* June. 2f. 12—18 in. Woods and hills. *SISON integerrimus*, Spreng.

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